

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022172.D
 Acq On : 06 May 2025 10:17
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 04:31:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	219542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	344933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	314858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	170277	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	104562	51.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.120%			
35) Dibromofluoromethane	7.634	113	114262	50.141	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.280%			
50) Toluene-d8	10.109	98	436550	50.814	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.408	95	146232	50.562	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	35015	18.718	ug/l	93
3) Chloromethane	2.068	50	62815	23.582	ug/l	97
4) Vinyl Chloride	2.202	62	73388	22.420	ug/l	100
5) Bromomethane	2.592	94	71804	25.462	ug/l	99
6) Chloroethane	2.733	64	54144	24.288	ug/l	98
7) Trichlorofluoromethane	3.056	101	91145	21.116	ug/l	97
8) Diethyl Ether	3.458	74	21299	18.959	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.824	101	49562	21.167	ug/l	97
10) Methyl Iodide	4.007	142	49667	18.321	ug/l	98
11) Tert butyl alcohol	4.879	59	9787	87.911	ug/l #	92
12) 1,1-Dichloroethene	3.787	96	44825	20.538	ug/l	96
13) Acrolein	3.659	56	10342	51.758	ug/l	98
14) Allyl chloride	4.385	41	53099	20.895	ug/l	98
15) Acrylonitrile	5.061	53	39578	96.230	ug/l	99
16) Acetone	3.873	43	33886	116.235	ug/l	93
17) Carbon Disulfide	4.104	76	140631	20.209	ug/l	100
18) Methyl Acetate	4.385	43	21063	22.236	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	94642	19.375	ug/l	98
20) Methylene Chloride	4.610	84	55892	21.797	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	50071	20.485	ug/l	97
22) Diisopropyl ether	6.025	45	123033	21.755	ug/l	97
23) Vinyl Acetate	5.964	43	308743	101.299	ug/l	99
24) 1,1-Dichloroethane	5.921	63	85218	21.739	ug/l	96
25) 2-Butanone	6.897	43	47731	103.259	ug/l	93
26) 2,2-Dichloropropane	6.884	77	75342	21.929	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	56432	20.648	ug/l	98
28) Bromochloromethane	7.244	49	31283	20.546	ug/l	97
29) Tetrahydrofuran	7.268	42	28956	96.450	ug/l	98
30) Chloroform	7.421	83	94557	21.746	ug/l	99
31) Cyclohexane	7.701	56	70466	21.021	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	82948	21.086	ug/l	99
36) 1,1-Dichloropropene	7.835	75	65457	21.384	ug/l	97
37) Ethyl Acetate	6.982	43	21690	19.729	ug/l	99
38) Carbon Tetrachloride	7.823	117	76460	20.904	ug/l	98
39) Methylcyclohexane	9.110	83	78200	20.300	ug/l	92
40) Benzene	8.085	78	203440	21.261	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
 Data File : VY022172.D
 Acq On : 06 May 2025 10:17
 Operator : SY/MD
 Sample : VY0506SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0506SBS01

Quant Time: May 07 04:31:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
 Supervised By :Semsettin Yesilyurt 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	11003	18.308	ug/l	98
42) 1,2-Dichloroethane	8.159	62	50500	21.316	ug/l	99
43) Isopropyl Acetate	8.201	43	41006	19.422	ug/l	97
44) Trichloroethene	8.866	130	55269	20.853	ug/l	98
45) 1,2-Dichloropropane	9.146	63	45808	21.648	ug/l	96
46) Dibromomethane	9.231	93	26726	20.176	ug/l	99
47) Bromodichloromethane	9.427	83	70381	21.268	ug/l	99
48) Methyl methacrylate	9.225	41	18959	19.425	ug/l	98
49) 1,4-Dioxane	9.231	88	5032	356.410	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	108514	98.047	ug/l	97
52) Toluene	10.170	92	132721	21.428	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	56873	20.037	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	71187	21.098	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	36899	20.854	ug/l	96
56) Ethyl methacrylate	10.445	69	36962	18.267	ug/l	95
57) 1,3-Dichloropropane	10.719	76	57618	20.312	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	96192	97.230	ug/l	96
59) 2-Hexanone	10.762	43	71355	97.747	ug/l	95
60) Dibromochloromethane	10.914	129	49782	20.321	ug/l	99
61) 1,2-Dibromoethane	11.018	107	32600	19.516	ug/l	96
64) Tetrachloroethene	10.652	164	62215	20.946	ug/l	97
65) Chlorobenzene	11.445	112	144595	20.536	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	51488	20.771	ug/l	98
67) Ethyl Benzene	11.524	91	233376	20.262	ug/l	100
68) m/p-Xylenes	11.633	106	190516	41.568	ug/l	99
69) o-Xylene	11.957	106	85905	20.336	ug/l	98
70) Styrene	11.969	104	144849	20.422	ug/l	99
71) Bromoform	12.133	173	27785	19.279	ug/l #	100
73) Isopropylbenzene	12.255	105	224663	19.748	ug/l	99
74) N-amyl acetate	12.072	43	35576	18.202	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37799	19.707	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	29433m	20.180	ug/l	
77) Bromobenzene	12.536	156	56402	19.621	ug/l	97
78) n-propylbenzene	12.597	91	278758	20.576	ug/l	100
79) 2-Chlorotoluene	12.682	91	157549	19.996	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	190512	20.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	11866	19.592	ug/l	98
82) 4-Chlorotoluene	12.780	91	172094	21.012	ug/l	97
83) tert-Butylbenzene	12.999	119	163812	19.486	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	192841	20.568	ug/l	98
85) sec-Butylbenzene	13.176	105	252274	20.508	ug/l	99
86) p-Isopropyltoluene	13.292	119	210881	20.188	ug/l	98
87) 1,3-Dichlorobenzene	13.286	146	117918	20.197	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	117834	20.378	ug/l	99
89) n-Butylbenzene	13.621	91	186449	19.969	ug/l	100
90) Hexachloroethane	13.883	117	47427	20.665	ug/l	96
91) 1,2-Dichlorobenzene	13.658	146	102702	20.168	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5658	18.542	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	52876	18.324	ug/l	100
94) Hexachlorobutadiene	15.023	225	34398	19.374	ug/l	98
95) Naphthalene	15.145	128	76873	16.037	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	44854	18.007	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050625\
Data File : VY022172.D
Acq On : 06 May 2025 10:17
Operator : SY/MD
Sample : VY0506SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0506SBS01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Quant Time: May 07 04:31:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :Mahesh Dadoda 05/07/2025
Supervised By :Semsettin Yesilyurt 05/07/2025

Page: 4