

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022185.D
 Acq On : 07 May 2025 11:20
 Operator : SY/MD
 Sample : VY0507SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
 Supervised By :Semsettin Yesilyurt 05/08/2025

Quant Time: May 08 01:41:29 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	7.707	168	226965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	353826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	324031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	174367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114004	54.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.760%			
35) Dibromofluoromethane	7.634	113	121518	51.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.960%			
50) Toluene-d8	10.103	98	468642	53.179	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.360%			
62) 4-Bromofluorobenzene	12.402	95	155630	52.459	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	36852	19.055	ug/l	99
3) Chloromethane	2.062	50	64032	23.253	ug/l	100
4) Vinyl Chloride	2.202	62	75817	22.405	ug/l	100
5) Bromomethane	2.592	94	67571	23.177	ug/l	99
6) Chloroethane	2.733	64	51451	22.325	ug/l	95
7) Trichlorofluoromethane	3.050	101	90272	20.230	ug/l	95
8) Diethyl Ether	3.458	74	23825	20.513	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.812	101	50618	20.911	ug/l	98
10) Methyl Iodide	4.001	142	52806	18.842	ug/l	100
11) Tert butyl alcohol	4.872	59	11461	99.581	ug/l	98
12) 1,1-Dichloroethene	3.787	96	44979	19.935	ug/l	95
13) Acrolein	3.659	56	9421	45.607	ug/l	99
14) Allyl chloride	4.379	41	55499	21.125	ug/l	98
15) Acrylonitrile	5.061	53	43621	102.592	ug/l	98
16) Acetone	3.879	43	33560	110.370	ug/l	100
17) Carbon Disulfide	4.104	76	141026	19.603	ug/l	100
18) Methyl Acetate	4.385	43	21438	21.891	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	101114	20.023	ug/l	96
20) Methylene Chloride	4.610	84	54837	20.686	ug/l	96
21) trans-1,2-Dichloroethene	5.116	96	51055	20.205	ug/l	97
22) Diisopropyl ether	6.019	45	128176	21.923	ug/l	98
23) Vinyl Acetate	5.964	43	331502	105.209	ug/l	98
24) 1,1-Dichloroethane	5.915	63	85647	21.134	ug/l	99
25) 2-Butanone	6.903	43	50025	104.683	ug/l	98
26) 2,2-Dichloropropane	6.884	77	76511	21.541	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	57625	20.395	ug/l	97
28) Bromochloromethane	7.244	49	34838	22.132	ug/l	94
29) Tetrahydrofuran	7.268	42	31869	102.681	ug/l	97
30) Chloroform	7.421	83	96288	21.420	ug/l	99
31) Cyclohexane	7.701	56	68876	19.874	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	85924	21.128	ug/l	98
36) 1,1-Dichloropropene	7.835	75	65198	20.764	ug/l	98
37) Ethyl Acetate	6.982	43	23470	20.812	ug/l	99
38) Carbon Tetrachloride	7.817	117	77307	20.604	ug/l	98
39) Methylcyclohexane	9.110	83	76426	19.341	ug/l	92
40) Benzene	8.079	78	207209	21.111	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
 Data File : VY022185.D
 Acq On : 07 May 2025 11:20
 Operator : SY/MD
 Sample : VY0507SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0507SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
 Supervised By :Semsettin Yesilyurt 05/08/2025

Quant Time: May 08 01:41:29 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)
41) Methacrylonitrile	7.220	41	12634	20.494	ug/l #	94
42) 1,2-Dichloroethane	8.159	62	52744	21.704	ug/l	99
43) Isopropyl Acetate	8.195	43	45976	21.229	ug/l	98
44) Trichloroethene	8.866	130	55608	20.454	ug/l	92
45) 1,2-Dichloropropane	9.140	63	47995	22.111	ug/l	100
46) Dibromomethane	9.231	93	28739	21.150	ug/l	96
47) Bromodichloromethane	9.420	83	73209	21.567	ug/l	96
48) Methyl methacrylate	9.219	41	20157	20.133	ug/l	98
49) 1,4-Dioxane	9.231	88	5580	385.291	ug/l	98
51) 4-Methyl-2-Pentanone	10.000	43	120332	105.993	ug/l	96
52) Toluene	10.170	92	135093	21.262	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	59964	20.595	ug/l	95
54) cis-1,3-Dichloropropene	9.853	75	72358	20.906	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	38475	21.198	ug/l	98
56) Ethyl methacrylate	10.439	69	40007	19.275	ug/l	95
57) 1,3-Dichloropropane	10.713	76	62418	21.451	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	101905	100.416	ug/l	98
59) 2-Hexanone	10.762	43	77979	104.136	ug/l	93
60) Dibromochloromethane	10.914	129	51288	20.410	ug/l	96
61) 1,2-Dibromoethane	11.012	107	35069	20.466	ug/l	100
64) Tetrachloroethene	10.646	164	62857	20.563	ug/l	97
65) Chlorobenzene	11.438	112	151916	20.965	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	53439	20.948	ug/l	99
67) Ethyl Benzene	11.518	91	239276	20.186	ug/l	100
68) m/p-Xylenes	11.627	106	193773	41.082	ug/l	99
69) o-Xylene	11.957	106	87044	20.022	ug/l	99
70) Styrene	11.969	104	147189	20.164	ug/l	97
71) Bromoform	12.133	173	29974	20.209	ug/l #	100
73) Isopropylbenzene	12.255	105	228052	19.576	ug/l	100
74) N-amyl acetate	12.072	43	38747	19.359	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	40162	20.448	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	29475m	19.735	ug/l	
77) Bromobenzene	12.530	156	58737	19.954	ug/l	98
78) n-propylbenzene	12.597	91	282603	20.370	ug/l	99
79) 2-Chlorotoluene	12.676	91	166668	20.657	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	194228	20.235	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	12933	20.853	ug/l	98
82) 4-Chlorotoluene	12.780	91	174331	20.786	ug/l	100
83) tert-Butylbenzene	12.999	119	169223	19.658	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	195852	20.400	ug/l	100
85) sec-Butylbenzene	13.176	105	255090	20.250	ug/l	100
86) p-Isopropyltoluene	13.292	119	213862	19.993	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	119506	19.989	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	121346	20.493	ug/l	99
89) n-Butylbenzene	13.615	91	188093	19.673	ug/l	99
90) Hexachloroethane	13.877	117	48997	20.848	ug/l	96
91) 1,2-Dichlorobenzene	13.658	146	106702	20.462	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6159	19.710	ug/l	87
93) 1,2,4-Trichlorobenzene	14.919	180	53015	17.941	ug/l	97
94) Hexachlorobutadiene	15.023	225	34174	18.797	ug/l	99
95) Naphthalene	15.145	128	80026	16.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	45963	18.019	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050725\
Data File : VY022185.D
Acq On : 07 May 2025 11:20
Operator : SY/MD
Sample : VY0507SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0507SBSD01

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/08/2025
Supervised By :Semsettin Yesilyurt 05/08/2025

Quant Time: May 08 01:41:29 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

