

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020766.D
 Acq On : 03 Jan 2025 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 03 22:01:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	164412	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.622	114	238088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	206986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	104334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	71178	52.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.700%
35) Dibromofluoromethane	7.640	113	70029	53.399	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.800%
50) Toluene-d8	10.109	98	268848	51.499	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.414	95	92185	52.894	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	105.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	55917	43.209	ug/l	96
3) Chloromethane	2.074	50	28099	58.220	ug/l	97
4) Vinyl Chloride	2.208	62	34053	56.947	ug/l	99
5) Bromomethane	2.605	94	23282	51.567	ug/l	96
6) Chloroethane	2.739	64	20506	57.164	ug/l	93
7) Trichlorofluoromethane	3.068	101	99548	43.290	ug/l	99
8) Diethyl Ether	3.458	74	34015	62.162	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.824	101	65803	52.124	ug/l	97
10) Methyl Iodide	4.013	142	76423	55.359	ug/l	89
11) Tert butyl alcohol	4.885	59	26873	325.629	ug/l #	93
12) 1,1-Dichloroethene	3.793	96	62036	55.209	ug/l	89
13) Acrolein	3.659	56	7593	269.718	ug/l	98
14) Allyl chloride	4.391	41	88095	66.996	ug/l #	81
15) Acrylonitrile	5.067	53	73206	346.309	ug/l	97
16) Acetone	3.879	43	49469	289.563	ug/l	97
17) Carbon Disulfide	4.116	76	157408	57.106	ug/l	99
18) Methyl Acetate	4.397	43	36020	77.902	ug/l	93
19) Methyl tert-butyl Ether	5.122	73	176497	56.354	ug/l	97
20) Methylene Chloride	4.629	84	65340	58.805	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	68070	56.216	ug/l	94
22) Diisopropyl ether	6.025	45	187125	70.004	ug/l	92
23) Vinyl Acetate	5.970	43	550295	344.664	ug/l	95
24) 1,1-Dichloroethane	5.921	63	119195	59.475	ug/l	99
25) 2-Butanone	6.903	43	85325	369.728	ug/l	92
26) 2,2-Dichloropropane	6.896	77	118709	48.394	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	83588	57.644	ug/l	97
28) Bromochloromethane	7.256	49	40271	75.985	ug/l	89
29) Tetrahydrofuran	7.274	42	55760	393.631	ug/l	92
30) Chloroform	7.427	83	134392	52.129	ug/l	93
31) Cyclohexane	7.707	56	94630	54.703	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	128455	46.483	ug/l	98
36) 1,1-Dichloropropene	7.841	75	91033	52.550	ug/l	97
37) Ethyl Acetate	6.988	43	40160	70.352	ug/l	97
38) Carbon Tetrachloride	7.829	117	123550	43.312	ug/l	97
39) Methylcyclohexane	9.116	83	113467	51.103	ug/l	96
40) Benzene	8.085	78	279704	55.712	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
 Data File : VY020766.D
 Acq On : 03 Jan 2025 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 03 22:01:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
 Supervised By :Mahesh Dadoda 01/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	22558	78.231	ug/l	93
42) 1,2-Dichloroethane	8.165	62	77754	48.299	ug/l	95
43) Isopropyl Acetate	8.201	43	80932	66.702	ug/l	96
44) Trichloroethene	8.872	130	75924	50.632	ug/l	96
45) 1,2-Dichloropropane	9.146	63	62611	61.609	ug/l	96
46) Dibromomethane	9.237	93	38654	54.971	ug/l	97
47) Bromodichloromethane	9.426	83	101249	50.788	ug/l	94
48) Methyl methacrylate	9.225	41	37034	65.360	ug/l #	89
49) 1,4-Dioxane	9.237	88	9129	1362.949	ug/l #	88
51) 4-Methyl-2-Pentanone	10.006	43	204913	349.894	ug/l	99
52) Toluene	10.176	92	184916	53.739	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	94995	54.254	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	107666	56.099	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	51644	57.537	ug/l	96
56) Ethyl methacrylate	10.445	69	73753	62.546	ug/l #	93
57) 1,3-Dichloropropane	10.719	76	87537	60.089	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	162639	395.529	ug/l	94
59) 2-Hexanone	10.768	43	137294	355.066	ug/l	100
60) Dibromochloromethane	10.914	129	74432	51.320	ug/l	99
61) 1,2-Dibromoethane	11.018	107	48903	57.902	ug/l	99
64) Tetrachloroethene	10.652	164	68060	48.128	ug/l	96
65) Chlorobenzene	11.444	112	208341	51.405	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	77194	49.162	ug/l	97
67) Ethyl Benzene	11.524	91	360927	50.952	ug/l	99
68) m/p-Xylenes	11.633	106	275726	102.041	ug/l	96
69) o-Xylene	11.963	106	131319	50.866	ug/l	99
70) Styrene	11.975	104	221208	51.042	ug/l	98
71) Bromoform	12.139	173	47387	52.492	ug/l #	99
73) Isopropylbenzene	12.261	105	357114	49.404	ug/l	100
74) N-amyl acetate	12.072	43	70548	68.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	59634	64.354	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	41719m	62.870	ug/l	
77) Bromobenzene	12.536	156	85275	51.248	ug/l	96
78) n-propylbenzene	12.603	91	412958	50.972	ug/l	98
79) 2-Chlorotoluene	12.682	91	235413	50.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	292440	48.559	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	20656	61.528	ug/l	92
82) 4-Chlorotoluene	12.780	91	245691	51.474	ug/l	98
83) tert-Butylbenzene	13.005	119	273945	48.708	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	289061	49.323	ug/l	98
85) sec-Butylbenzene	13.182	105	375388	49.524	ug/l	99
86) p-Isopropyltoluene	13.298	119	325691	48.214	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	163438	50.256	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	162363	50.188	ug/l	98
89) n-Butylbenzene	13.621	91	287847	51.047	ug/l	98
90) Hexachloroethane	13.883	117	63096	49.121	ug/l	96
91) 1,2-Dichlorobenzene	13.664	146	144497	51.820	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10114	56.275	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	91484	51.616	ug/l	100
94) Hexachlorobutadiene	15.029	225	60073	46.505	ug/l	99
95) Naphthalene	15.151	128	162922	57.393	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	77679	52.638	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010325\
Data File : VY020766.D
Acq On : 03 Jan 2025 10:16
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/06/2025
Supervised By :Mahesh Dadoda 01/06/2025

Quant Time: Jan 03 22:01:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 26 16:12:28 2024
Response via : Initial Calibration

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

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

