

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010625\
 Data File : VY020784.D
 Acq On : 06 Jan 2025 15:20
 Operator : SY/MD
 Sample : VY0106SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBS02

Quant Time: Jan 07 02:02:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/07/2025
 Supervised By :Semsettin Yesilyurt 01/07/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	187780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	277916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	232824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	113634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	88273	55.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.620%
35) Dibromofluoromethane	7.646	113	92063	52.876	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.760%
50) Toluene-d8	10.115	98	351831	57.966	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	115.940%
62) 4-Bromofluorobenzene	12.414	95	119143	53.156	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	106.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	25815	18.732	ug/l	95
3) Chloromethane	2.074	50	13477	18.573	ug/l	97
4) Vinyl Chloride	2.214	62	14897	18.468	ug/l	95
5) Bromomethane	2.604	94	10492	18.262	ug/l	94
6) Chloroethane	2.751	64	10074	20.250	ug/l #	83
7) Trichlorofluoromethane	3.074	101	46760	18.888	ug/l	96
8) Diethyl Ether	3.464	74	14627	18.893	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.824	101	32069	19.182	ug/l	99
10) Methyl Iodide	4.019	142	31780	17.738	ug/l	99
11) Tert butyl alcohol	4.872	59	12112	100.429	ug/l #	89
12) 1,1-Dichloroethene	3.805	96	26995	18.435	ug/l	100
13) Acrolein	3.665	56	4321	127.580	ug/l	94
14) Allyl chloride	4.397	41	39985	18.926	ug/l	99
15) Acrylonitrile	5.074	53	33541	101.937	ug/l	99
16) Acetone	3.879	43	22741	100.196	ug/l	97
17) Carbon Disulfide	4.122	76	54502	17.157	ug/l	96
18) Methyl Acetate	4.403	43	15806	20.625	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	81639	19.755	ug/l	96
20) Methylene Chloride	4.629	84	30125	19.219	ug/l	99
21) trans-1,2-Dichloroethene	5.135	96	30095	18.662	ug/l	93
22) Diisopropyl ether	6.031	45	91993	20.441	ug/l	96
23) Vinyl Acetate	5.976	43	250042	100.767	ug/l	98
24) 1,1-Dichloroethane	5.927	63	56506	19.031	ug/l	98
25) 2-Butanone	6.909	43	37326	100.116	ug/l	92
26) 2,2-Dichloropropane	6.902	77	58343	18.925	ug/l	100
27) cis-1,2-Dichloroethene	6.902	96	38865	19.102	ug/l	100
28) Bromochloromethane	7.256	49	13139	16.399	ug/l #	4
29) Tetrahydrofuran	7.268	42	24928	104.668	ug/l	98
30) Chloroform	7.433	83	64585	19.074	ug/l	98
31) Cyclohexane	7.707	56	45041	19.394	ug/l	98
32) 1,1,1-Trichloroethane	7.628	97	62820	19.020	ug/l	99
36) 1,1-Dichloropropene	7.841	75	41754	18.801	ug/l	97
37) Ethyl Acetate	6.994	43	18061	20.436	ug/l	99
38) Carbon Tetrachloride	7.829	117	58405	18.893	ug/l	99
39) Methylcyclohexane	9.116	83	51523	18.906	ug/l	98
40) Benzene	8.091	78	131868	19.347	ug/l	99

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41) Methacrylonitrile	7.226	41	9162m	18.102	ug/l	
42) 1,2-Dichloroethane	8.164	62	36101	19.395	ug/l	98
43) Isopropyl Acetate	8.201	43	36462	20.284	ug/l	100
44) Trichloroethene	8.872	130	36542	19.232	ug/l	93
45) 1,2-Dichloropropane	9.146	63	30535	19.761	ug/l	100
46) Dibromomethane	9.237	93	18009	20.296	ug/l	94
47) Bromodichloromethane	9.426	83	48962	19.267	ug/l	99
48) Methyl methacrylate	9.225	41	16182	20.080	ug/l	99
49) 1,4-Dioxane	9.244	88	3675	390.095	ug/l	93
51) 4-Methyl-2-Pentanone	10.006	43	92424	102.919	ug/l	100
52) Toluene	10.176	92	87557	19.399	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	44263	19.584	ug/l	97
54) cis-1,3-Dichloropropene	9.865	75	51121	19.476	ug/l	94
55) 1,1,2-Trichloroethane	10.579	97	24826	19.585	ug/l	97
56) Ethyl methacrylate	10.445	69	32207	20.118	ug/l	99
57) 1,3-Dichloropropane	10.725	76	40793	19.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.719	63	57651	90.776	ug/l	99
59) 2-Hexanone	10.768	43	60830	105.584	ug/l	97
60) Dibromochloromethane	10.920	129	36580	19.897	ug/l	99
61) 1,2-Dibromoethane	11.024	107	23062	20.265	ug/l	99
64) Tetrachloroethene	10.652	164	32609	19.050	ug/l	99
65) Chlorobenzene	11.450	112	100184	19.462	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	37713	19.244	ug/l	97
67) Ethyl Benzene	11.524	91	172335	19.337	ug/l	99
68) m/p-Xylenes	11.633	106	133061	38.778	ug/l	98
69) o-Xylene	11.963	106	63210	19.428	ug/l	99
70) Styrene	11.975	104	105931	19.342	ug/l	98
71) Bromoform	12.139	173	21722	19.499	ug/l #	98
73) Isopropylbenzene	12.261	105	176195	19.545	ug/l	99
74) N-amyl acetate	12.078	43	31093	21.086	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	27807	20.352	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	21807m	21.933	ug/l	
77) Bromobenzene	12.542	156	40741	19.602	ug/l	99
78) n-propylbenzene	12.603	91	203165	19.855	ug/l	99
79) 2-Chlorotoluene	12.688	91	117132	19.878	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	145084	19.859	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.310	75	9549	20.250	ug/l	99
82) 4-Chlorotoluene	12.786	91	117158	19.267	ug/l	97
83) tert-Butylbenzene	13.005	119	136094	19.917	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	142915	20.032	ug/l	99
85) sec-Butylbenzene	13.182	105	190703	19.981	ug/l	99
86) p-Isopropyltoluene	13.298	119	163315	20.058	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	80140	19.844	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	80105	20.151	ug/l	99
89) n-Butylbenzene	13.627	91	141650	20.054	ug/l	100
90) Hexachloroethane	13.889	117	31652	19.360	ug/l	99
91) 1,2-Dichlorobenzene	13.670	146	69469	19.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	4511	20.419	ug/l	94
93) 1,2,4-Trichlorobenzene	14.932	180	42431	20.880	ug/l	98
94) Hexachlorobutadiene	15.035	225	29635	20.687	ug/l	99
95) Naphthalene	15.157	128	70094	20.958	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	34891	20.494	ug/l	98

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