

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
 Data File : VY020938.D
 Acq On : 27 Jan 2025 10:30
 Operator : SY/MD
 Sample : VY0127SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0127SBS01

Quant Time: Jan 28 01:09:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/28/2025
 Supervised By :Semsettin Yesilyurt 01/28/2025

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	284690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	421508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	350671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	176333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	110174	48.538	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.080%		
35) Dibromofluoromethane	7.646	113	113757	47.011	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.020%		
50) Toluene-d8	10.115	98	437191	46.579	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.160%		
62) 4-Bromofluorobenzene	12.414	95	149686	47.919	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	95.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	48149	22.361	ug/l	97
3) Chloromethane	2.080	50	36177	22.589	ug/l	100
4) Vinyl Chloride	2.214	62	38449	22.028	ug/l	100
5) Bromomethane	2.610	94	25063	21.200	ug/l	98
6) Chloroethane	2.751	64	22140	21.620	ug/l	94
7) Trichlorofluoromethane	3.074	101	80219	21.631	ug/l	98
8) Diethyl Ether	3.470	74	25635	22.491	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.836	101	53613	21.910	ug/l	99
10) Methyl Iodide	4.025	142	57246	19.630	ug/l	99
11) Tert butyl alcohol	4.884	59	20578	117.438	ug/l	96
12) 1,1-Dichloroethene	3.805	96	50393	21.807	ug/l	97
13) Acrolein	3.671	56	28649	120.605	ug/l	98
14) Allyl chloride	4.403	41	71560	22.186	ug/l	97
15) Acrylonitrile	5.080	53	53095	118.506	ug/l	99
16) Acetone	3.885	43	37133	120.743	ug/l	89
17) Carbon Disulfide	4.129	76	156670	21.953	ug/l	99
18) Methyl Acetate	4.403	43	25924	23.335	ug/l	100
19) Methyl tert-butyl Ether	5.134	73	119786	22.380	ug/l	95
20) Methylene Chloride	4.635	84	49667	21.715	ug/l	99
21) trans-1,2-Dichloroethene	5.134	96	53877	21.624	ug/l	96
22) Diisopropyl ether	6.031	45	143225	22.076	ug/l	92
23) Vinyl Acetate	5.976	43	410775	114.402	ug/l	99
24) 1,1-Dichloroethane	5.933	63	89697	21.810	ug/l	97
25) 2-Butanone	6.909	43	61766	118.564	ug/l	98
26) 2,2-Dichloropropane	6.902	77	87236	21.535	ug/l	99
27) cis-1,2-Dichloroethene	6.909	96	61025	21.702	ug/l	99
28) Bromochloromethane	7.256	49	35732	21.588	ug/l	99
29) Tetrahydrofuran	7.274	42	41958	120.850	ug/l	99
30) Chloroform	7.433	83	93910	21.575	ug/l	100
31) Cyclohexane	7.719	56	85125	21.060	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	91052	21.566	ug/l	99
36) 1,1-Dichloropropene	7.847	75	71879	21.275	ug/l	99
37) Ethyl Acetate	7.000	43	30141	22.995	ug/l	99
38) Carbon Tetrachloride	7.829	117	85604	21.011	ug/l	98
39) Methylcyclohexane	9.122	83	95857	20.958	ug/l	98
40) Benzene	8.091	78	215434	21.736	ug/l	100

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41) Methacrylonitrile	7.238	41	18562	26.807	ug/l #	88
42) 1,2-Dichloroethane	8.170	62	54032	21.908	ug/l	99
43) Isopropyl Acetate	8.207	43	56703	22.812	ug/l	100
44) Trichloroethene	8.878	130	58573	21.752	ug/l	89
45) 1,2-Dichloropropane	9.152	63	46784	21.383	ug/l	97
46) Dibromomethane	9.243	93	27400	22.029	ug/l	98
47) Bromodichloromethane	9.432	83	70879	21.417	ug/l	96
48) Methyl methacrylate	9.231	41	26351	22.474	ug/l	98
49) 1,4-Dioxane	9.243	88	6041	471.706	ug/l	94
51) 4-Methyl-2-Pentanone	10.006	43	144479	115.278	ug/l	98
52) Toluene	10.182	92	136581	21.426	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	66799	22.013	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	76726	21.175	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	37817	22.493	ug/l	97
56) Ethyl methacrylate	10.451	69	49929	22.660	ug/l	96
57) 1,3-Dichloropropane	10.725	76	63035	22.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	95288	95.282	ug/l	100
59) 2-Hexanone	10.768	43	94676	117.476	ug/l	99
60) Dibromochloromethane	10.920	129	51729	21.861	ug/l	99
61) 1,2-Dibromoethane	11.024	107	35891	22.319	ug/l	97
64) Tetrachloroethene	10.658	164	53316	21.848	ug/l	96
65) Chlorobenzene	11.450	112	147278	21.477	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	52538	21.560	ug/l	99
67) Ethyl Benzene	11.530	91	255989	21.393	ug/l	99
68) m/p-Xylenes	11.639	106	199594	43.562	ug/l	100
69) o-Xylene	11.962	106	92840	21.692	ug/l	99
70) Styrene	11.981	104	153642	21.905	ug/l	99
71) Bromoform	12.139	173	31094	22.534	ug/l #	99
73) Isopropylbenzene	12.261	105	248935	20.498	ug/l	100
74) N-amyl acetate	12.078	43	47129	21.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.517	83	41935	22.193	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	33394m	26.785	ug/l	
77) Bromobenzene	12.542	156	59254	20.815	ug/l	98
78) n-propylbenzene	12.603	91	293711	20.762	ug/l	99
79) 2-Chlorotoluene	12.688	91	166593	20.764	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	202745	20.777	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	14641	22.688	ug/l	96
82) 4-Chlorotoluene	12.785	91	171424	20.923	ug/l	100
83) tert-Butylbenzene	13.005	119	183352	20.371	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	200305	20.851	ug/l	100
85) sec-Butylbenzene	13.182	105	265445	20.685	ug/l	100
86) p-Isopropyltoluene	13.304	119	224491	20.706	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	114125	20.935	ug/l	99
88) 1,4-Dichlorobenzene	13.377	146	112075	20.929	ug/l	98
89) n-Butylbenzene	13.627	91	195281	20.420	ug/l	100
90) Hexachloroethane	13.889	117	43323	20.116	ug/l	100
91) 1,2-Dichlorobenzene	13.669	146	98897	20.940	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	6385	22.494	ug/l	99
93) 1,2,4-Trichlorobenzene	14.931	180	58110	20.453	ug/l	99
94) Hexachlorobutadiene	15.035	225	39240	20.186	ug/l	98
95) Naphthalene	15.157	128	95967	21.064	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	49716	20.828	ug/l	99

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

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