

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041025\
 Data File : VY021828.D
 Acq On : 10 Apr 2025 10:59
 Operator : SY/MD
 Sample : VY0410SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0410SBS01

Quant Time: Apr 11 01:49:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/11/2025
 Supervised By :Semsettin Yesilyurt 04/11/2025

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	202932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	310477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	276303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	144045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	108092	49.162	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.320%		
35) Dibromofluoromethane	7.634	113	107537	53.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.780%		
50) Toluene-d8	10.109	98	416120	54.310	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	108.620%		
62) 4-Bromofluorobenzene	12.408	95	138064	53.273	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	106.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38628	18.365	ug/l	99
3) Chloromethane	2.068	50	58925	19.923	ug/l	96
4) Vinyl Chloride	2.208	62	64218	19.200	ug/l	98
5) Bromomethane	2.592	94	43240	18.954	ug/l	99
6) Chloroethane	2.739	64	42301	19.327	ug/l	99
7) Trichlorofluoromethane	3.062	101	83189	19.415	ug/l	99
8) Diethyl Ether	3.458	74	21206	18.199	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.824	101	46562	20.604	ug/l	99
10) Methyl Iodide	4.007	142	53784	21.694	ug/l	98
11) Tert butyl alcohol	4.879	59	10132	70.946	ug/l	95
12) 1,1-Dichloroethene	3.793	96	42528	19.980	ug/l	99
13) Acrolein	3.653	56	11686	44.814	ug/l	94
14) Allyl chloride	4.385	41	65088	19.178	ug/l	99
15) Acrylonitrile	5.068	53	43512	89.436	ug/l	98
16) Acetone	3.873	43	41416	92.038	ug/l	96
17) Carbon Disulfide	4.110	76	130398	18.599	ug/l	97
18) Methyl Acetate	4.397	43	20074	17.999	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	92229	17.404	ug/l	98
20) Methylene Chloride	4.622	84	50670	20.749	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	45867	19.571	ug/l	97
22) Diisopropyl ether	6.019	45	141226	19.837	ug/l	96
23) Vinyl Acetate	5.964	43	365289	87.708	ug/l	100
24) 1,1-Dichloroethane	5.921	63	86526	20.326	ug/l	97
25) 2-Butanone	6.896	43	56134	87.338	ug/l	96
26) 2,2-Dichloropropane	6.890	77	75531	19.946	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	51999	19.730	ug/l	98
28) Bromochloromethane	7.250	49	34985	19.487	ug/l	99
29) Tetrahydrofuran	7.262	42	32784	79.255	ug/l	99
30) Chloroform	7.427	83	88600	20.010	ug/l	96
31) Cyclohexane	7.701	56	71321	18.379	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	80250	20.053	ug/l	99
36) 1,1-Dichloropropene	7.841	75	62612	20.410	ug/l	98
37) Ethyl Acetate	6.982	43	24672	17.041	ug/l	97
38) Carbon Tetrachloride	7.823	117	72409	20.609	ug/l	96
39) Methylcyclohexane	9.116	83	71676	19.559	ug/l	98
40) Benzene	8.085	78	187821	20.444	ug/l	100

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41) Methacrylonitrile	7.226	41	14459m	18.806	ug/l	
42) 1,2-Dichloroethane	8.165	62	51955	20.061	ug/l	99
43) Isopropyl Acetate	8.201	43	49178	17.925	ug/l	98
44) Trichloroethene	8.872	130	48276	20.624	ug/l	95
45) 1,2-Dichloropropane	9.146	63	45055	20.719	ug/l	96
46) Dibromomethane	9.238	93	24846	19.825	ug/l	96
47) Bromodichloromethane	9.426	83	66235	20.396	ug/l	96
48) Methyl methacrylate	9.225	41	22658	17.994	ug/l	96
49) 1,4-Dioxane	9.244	88	4766	354.991	ug/l	91
51) 4-Methyl-2-Pentanone	10.000	43	122559	85.840	ug/l	100
52) Toluene	10.176	92	120366	21.000	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	55243	19.152	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	66307	19.486	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	32227	19.982	ug/l	99
56) Ethyl methacrylate	10.445	69	37122	18.026	ug/l	98
57) 1,3-Dichloropropane	10.719	76	55701	19.997	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	94741	94.305	ug/l	99
59) 2-Hexanone	10.768	43	82164	86.409	ug/l	99
60) Dibromochloromethane	10.914	129	44255	20.098	ug/l	97
61) 1,2-Dibromoethane	11.018	107	30322	20.042	ug/l	98
64) Tetrachloroethene	10.652	164	52581	20.895	ug/l	99
65) Chlorobenzene	11.444	112	130234	20.562	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	46518	20.700	ug/l	100
67) Ethyl Benzene	11.524	91	222629	20.498	ug/l	100
68) m/p-Xylenes	11.633	106	174884	42.050	ug/l	99
69) o-Xylene	11.957	106	78381	20.417	ug/l	99
70) Styrene	11.975	104	131308	20.514	ug/l	100
71) Bromoform	12.133	173	24956	19.469	ug/l #	98
73) Isopropylbenzene	12.261	105	211237	19.744	ug/l	100
74) N-amyl acetate	12.072	43	42471	16.915	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	34921	18.155	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	28984m	20.299	ug/l	
77) Bromobenzene	12.536	156	50775	19.766	ug/l	97
78) n-propylbenzene	12.597	91	263112	20.456	ug/l	100
79) 2-Chlorotoluene	12.682	91	150601	20.159	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	176133	20.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	10119	16.329	ug/l	98
82) 4-Chlorotoluene	12.780	91	156256	20.062	ug/l	98
83) tert-Butylbenzene	12.999	119	151289	19.425	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	178636	20.670	ug/l	99
85) sec-Butylbenzene	13.176	105	233001	20.471	ug/l	100
86) p-Isopropyltoluene	13.298	119	192832	20.499	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	104101	20.569	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	102343	20.468	ug/l	98
89) n-Butylbenzene	13.621	91	177878	20.446	ug/l	100
90) Hexachloroethane	13.883	117	41809	20.281	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	89555	20.328	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5251	17.613	ug/l	100
93) 1,2,4-Trichlorobenzene	14.926	180	47966	20.077	ug/l	100
94) Hexachlorobutadiene	15.029	225	32148	21.546	ug/l	97
95) Naphthalene	15.145	128	69458	17.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	39920	19.594	ug/l	99

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

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