

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020703.D
 Acq On : 23 Dec 2024 19:47
 Operator : SY/MD
 Sample : VY1223SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1223SBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 25 01:03:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 25 00:58:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	104834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	154339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	131930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	69344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52754	56.819	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.640%			
35) Dibromofluoromethane	7.646	113	48159	53.141	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.280%			
50) Toluene-d8	10.109	98	184098	55.931	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.860%			
62) 4-Bromofluorobenzene	12.414	95	63417	52.934	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	16152	19.999	ug/l	99
3) Chloromethane	2.074	50	6233	18.943	ug/l	100
4) Vinyl Chloride	2.214	62	7104	17.709	ug/l	93
5) Bromomethane	2.605	94	5714	20.171	ug/l	95
6) Chloroethane	2.745	64	4299	17.632	ug/l	96
7) Trichlorofluoromethane	3.068	101	28952	20.069	ug/l	100
8) Diethyl Ether	3.464	74	7345	21.271	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.830	101	15648	19.863	ug/l	98
10) Methyl Iodide	4.013	142	17395	19.168	ug/l	100
11) Tert butyl alcohol	4.879	59	6977	93.870	ug/l #	93
12) 1,1-Dichloroethene	3.799	96	14011	20.040	ug/l	98
13) Acrolein	3.671	56	2497	141.348	ug/l	97
14) Allyl chloride	4.397	41	16858	20.562	ug/l	100
15) Acrylonitrile	5.074	53	13947	109.579	ug/l	98
16) Acetone	3.873	43	10717	101.056	ug/l	98
17) Carbon Disulfide	4.116	76	33010	18.937	ug/l #	93
18) Methyl Acetate	4.409	43	6183	22.535	ug/l	99
19) Methyl tert-butyl Ether	5.135	73	42423	22.307	ug/l	98
20) Methylene Chloride	4.635	84	15288	21.633	ug/l	86
21) trans-1,2-Dichloroethene	5.128	96	15798	20.956	ug/l	92
22) Diisopropyl ether	6.025	45	37677	22.479	ug/l #	96
23) Vinyl Acetate	5.970	43	107461	108.272	ug/l	99
24) 1,1-Dichloroethane	5.933	63	27342	21.882	ug/l #	95
25) 2-Butanone	6.903	43	15672	105.199	ug/l	91
26) 2,2-Dichloropropane	6.896	77	31303	20.024	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	19772	22.020	ug/l	98
28) Bromochloromethane	7.256	49	6466	19.677	ug/l	99
29) Tetrahydrofuran	7.274	42	9534	108.884	ug/l	98
30) Chloroform	7.427	83	34856	21.222	ug/l	97
31) Cyclohexane	7.713	56	21545	19.666	ug/l	96
32) 1,1,1-Trichloroethane	7.628	97	36239	21.120	ug/l	97
36) 1,1-Dichloropropene	7.841	75	22098	20.061	ug/l	97
37) Ethyl Acetate	6.994	43	7719	20.609	ug/l	97
38) Carbon Tetrachloride	7.829	117	35214	19.755	ug/l	95
39) Methylcyclohexane	9.116	83	27500	19.641	ug/l	99
40) Benzene	8.085	78	65063	20.474	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	4454	21.838	ug/l	94
42) 1,2-Dichloroethane	8.165	62	21724	21.495	ug/l	99
43) Isopropyl Acetate	8.207	43	15842	21.172	ug/l #	83
44) Trichloroethene	8.872	130	18586	19.707	ug/l	99
45) 1,2-Dichloropropane	9.146	63	13056	20.911	ug/l	98
46) Dibromomethane	9.238	93	9334	21.655	ug/l	97
47) Bromodichloromethane	9.427	83	26059	21.312	ug/l	94
48) Methyl methacrylate	9.225	41	7217	20.347	ug/l	96
49) 1,4-Dioxane	9.238	88	1762	435.830	ug/l #	90
51) 4-Methyl-2-Pentanone	10.006	43	38706	103.556	ug/l	98
52) Toluene	10.176	92	44815	20.709	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	23137	21.385	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	25177	21.119	ug/l	92
55) 1,1,2-Trichloroethane	10.579	97	11682	20.931	ug/l #	90
56) Ethyl methacrylate	10.445	69	15165	21.301	ug/l	97
57) 1,3-Dichloropropane	10.725	76	19061	20.893	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.719	63	27253	102.437	ug/l	98
59) 2-Hexanone	10.768	43	24776	104.066	ug/l	99
60) Dibromochloromethane	10.914	129	19154	21.495	ug/l	96
61) 1,2-Dibromoethane	11.018	107	11054	21.127	ug/l	100
64) Tetrachloroethene	10.652	164	17595	20.081	ug/l	94
65) Chlorobenzene	11.451	112	52606	21.338	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	20004	20.778	ug/l	97
67) Ethyl Benzene	11.524	91	91241	20.628	ug/l	95
68) m/p-Xylenes	11.633	106	69958	41.477	ug/l	100
69) o-Xylene	11.957	106	34079	21.509	ug/l	98
70) Styrene	11.975	104	56763	21.300	ug/l	99
71) Bromoform	12.139	173	11461	20.784	ug/l #	98
73) Isopropylbenzene	12.261	105	93189	19.757	ug/l	100
74) N-amyl acetate	12.078	43	13493	20.358	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	12470	20.545	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	9949m	20.804	ug/l	
77) Bromobenzene	12.536	156	21199	19.737	ug/l	99
78) n-propylbenzene	12.603	91	103950	19.548	ug/l	99
79) 2-Chlorotoluene	12.688	91	60340	19.932	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	79726	20.379	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	4098	18.628	ug/l	97
82) 4-Chlorotoluene	12.786	91	62684	20.303	ug/l	99
83) tert-Butylbenzene	13.005	119	74013	20.332	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	79650	20.842	ug/l	99
85) sec-Butylbenzene	13.182	105	98630	20.123	ug/l	99
86) p-Isopropyltoluene	13.298	119	88167	20.575	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	43865	21.023	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	42330	20.707	ug/l	98
89) n-Butylbenzene	13.621	91	72816	20.171	ug/l	99
90) Hexachloroethane	13.883	117	15902	19.561	ug/l	95
91) 1,2-Dichlorobenzene	13.664	146	37259	20.807	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	2361	20.414	ug/l	94
93) 1,2,4-Trichlorobenzene	14.932	180	21965	20.661	ug/l	97
94) Hexachlorobutadiene	15.029	225	16383	20.697	ug/l	98
95) Naphthalene	15.151	128	34561	19.827	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	17939	20.184	ug/l	99

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

