

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020508.D
 Acq On : 04 Dec 2024 11:46
 Operator : SY/MD
 Sample : VY1204SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

Quant Time: Dec 05 03:22:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/05/2024
 Supervised By :Semsettin Yesilyurt 12/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	153466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	247018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	207561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	102652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	90084	57.718	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.440%			
35) Dibromofluoromethane	7.640	113	83801	53.888	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.780%			
50) Toluene-d8	10.109	98	316298	53.415	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.408	95	111693	53.931	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 107.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	26678	17.821	ug/l	99
3) Chloromethane	2.074	50	26227	17.304	ug/l	98
4) Vinyl Chloride	2.208	62	27186	17.592	ug/l	97
5) Bromomethane	2.598	94	16467	18.161	ug/l	99
6) Chloroethane	2.739	64	17294	18.259	ug/l	95
7) Trichlorofluoromethane	3.068	101	54101	18.692	ug/l	99
8) Diethyl Ether	3.464	74	17366	21.176	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.830	101	32268	19.134	ug/l	96
10) Methyl Iodide	4.013	142	36527	19.294	ug/l	94
11) Tert butyl alcohol	4.866	59	14831m	146.485	ug/l	
12) 1,1-Dichloroethene	3.799	96	29816	18.716	ug/l	92
13) Acrolein	3.659	56	10757	113.478	ug/l	97
14) Allyl chloride	4.391	41	54645	19.232	ug/l	97
15) Acrylonitrile	5.074	53	38911	113.879	ug/l	99
16) Acetone	3.879	43	38044	98.030	ug/l	99
17) Carbon Disulfide	4.116	76	75899	16.646	ug/l	99
18) Methyl Acetate	4.397	43	19245	23.332	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	89858	22.087	ug/l	95
20) Methylene Chloride	4.622	84	34295	20.774	ug/l	98
21) trans-1,2-Dichloroethene	5.128	96	33754	19.076	ug/l	99
22) Diisopropyl ether	6.025	45	120423	21.314	ug/l	98
23) Vinyl Acetate	5.970	43	324478	108.576	ug/l	99
24) 1,1-Dichloroethane	5.927	63	68037	20.002	ug/l	99
25) 2-Butanone	6.902	43	54454	111.119	ug/l	97
26) 2,2-Dichloropropane	6.896	77	61609	19.149	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	41985	20.320	ug/l	97
28) Bromochloromethane	7.250	49	24264	19.102	ug/l	94
29) Tetrahydrofuran	7.268	42	32230	115.286	ug/l	97
30) Chloroform	7.427	83	70987	20.334	ug/l	91
31) Cyclohexane	7.707	56	56469	18.363	ug/l #	91
32) 1,1,1-Trichloroethane	7.622	97	67395	20.049	ug/l	96
36) 1,1-Dichloropropene	7.841	75	49649	18.906	ug/l	99
37) Ethyl Acetate	6.994	43	22801	21.916	ug/l	97
38) Carbon Tetrachloride	7.829	117	60525	19.311	ug/l	97
39) Methylcyclohexane	9.116	83	60612	18.600	ug/l	98
40) Benzene	8.085	78	150537	19.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	13231	22.371	ug/l	99
42) 1,2-Dichloroethane	8.164	62	42646	20.961	ug/l	99
43) Isopropyl Acetate	8.201	43	46555	22.160	ug/l	96
44) Trichloroethene	8.872	130	36896	19.330	ug/l	99
45) 1,2-Dichloropropane	9.140	63	36928	20.381	ug/l	97
46) Dibromomethane	9.237	93	19571	21.816	ug/l	98
47) Bromodichloromethane	9.426	83	54787	20.728	ug/l	97
48) Methyl methacrylate	9.225	41	21188	21.628	ug/l	95
49) 1,4-Dioxane	9.231	88	4002	466.706	ug/l #	94
51) 4-Methyl-2-Pentanone	9.999	43	119746	115.417	ug/l	100
52) Toluene	10.170	92	95778	19.826	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	49406	20.821	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	57189	20.393	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	25916	21.656	ug/l	98
56) Ethyl methacrylate	10.438	69	37561	22.183	ug/l	96
57) 1,3-Dichloropropane	10.719	76	46312	21.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	82349	103.872	ug/l	97
59) 2-Hexanone	10.762	43	82975	110.860	ug/l	96
60) Dibromochloromethane	10.914	129	35329	21.205	ug/l	99
61) 1,2-Dibromoethane	11.018	107	23224	21.222	ug/l	99
64) Tetrachloroethene	10.646	164	34087	19.436	ug/l	92
65) Chlorobenzene	11.444	112	102869	19.773	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	37937	20.561	ug/l	96
67) Ethyl Benzene	11.524	91	189611	19.444	ug/l	100
68) m/p-Xylenes	11.627	106	140663	39.392	ug/l	99
69) o-Xylene	11.956	106	66086	19.755	ug/l	97
70) Styrene	11.975	104	112949	20.237	ug/l	99
71) Bromoform	12.133	173	20383	21.728	ug/l #	99
73) Isopropylbenzene	12.255	105	182624	18.387	ug/l	99
74) N-amyl acetate	12.072	43	41616	21.378	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	28993	20.299	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	20756m	19.849	ug/l	
77) Bromobenzene	12.536	156	39282	19.098	ug/l	97
78) n-propylbenzene	12.597	91	217076	18.460	ug/l	98
79) 2-Chlorotoluene	12.682	91	123649	18.634	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	150673	18.930	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10030	19.681	ug/l	98
82) 4-Chlorotoluene	12.780	91	126598	18.696	ug/l	100
83) tert-Butylbenzene	12.999	119	134627	18.709	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	150296	19.428	ug/l	99
85) sec-Butylbenzene	13.176	105	192462	18.662	ug/l	99
86) p-Isopropyltoluene	13.292	119	163735	19.213	ug/l	99
87) 1,3-Dichlorobenzene	13.292	146	78335	19.748	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	77021	19.834	ug/l	99
89) n-Butylbenzene	13.621	91	151742	19.198	ug/l	98
90) Hexachloroethane	13.883	117	31165	18.765	ug/l	93
91) 1,2-Dichlorobenzene	13.663	146	68243	20.287	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4577	21.167	ug/l	94
93) 1,2,4-Trichlorobenzene	14.925	180	40789	21.564	ug/l	98
94) Hexachlorobutadiene	15.029	225	26647	20.137	ug/l	99
95) Naphthalene	15.151	128	70867	23.152	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	34006	22.280	ug/l	98

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

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