

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112524\
 Data File : VY020430.D
 Acq On : 25 Nov 2024 15:24
 Operator : SY/MD
 Sample : VY1125SBS01
 Misc : 5.00g/5.1mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1125SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 11/26/2024
 Supervised By :Mahesh Dadoda 11/26/2024

Quant Time: Nov 26 01:43:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	166700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	268227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	226693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	104473	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79301	41.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.820%
35) Dibromofluoromethane	7.640	113	72178	41.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.940%
50) Toluene-d8	10.109	98	287299	42.404	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.800%
62) 4-Bromofluorobenzene	12.408	95	96121	44.132	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	33191	20.512	ug/l	98
3) Chloromethane	2.074	50	35049	13.134	ug/l	93
4) Vinyl Chloride	2.208	62	33827	15.239	ug/l	98
5) Bromomethane	2.598	94	20011	18.050	ug/l	98
6) Chloroethane	2.739	64	20763	16.034	ug/l	96
7) Trichlorofluoromethane	3.068	101	64567	20.931	ug/l	99
8) Diethyl Ether	3.464	74	18868	19.386	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.824	101	36520	19.879	ug/l	99
10) Methyl Iodide	4.007	142	44851	18.227	ug/l	91
11) Tert butyl alcohol	4.878	59	13151	87.850	ug/l #	90
12) 1,1-Dichloroethene	3.793	96	36734	20.200	ug/l	94
13) Acrolein	3.659	56	12742	107.445	ug/l	97
14) Allyl chloride	4.397	41	62865	17.877	ug/l	96
15) Acrylonitrile	5.061	53	39614	92.073	ug/l	99
16) Acetone	3.873	43	36896	80.361	ug/l	91
17) Carbon Disulfide	4.116	76	118511	19.344	ug/l	100
18) Methyl Acetate	4.391	43	19538	18.256	ug/l	97
19) Methyl tert-butyl Ether	5.128	73	93698	19.835	ug/l	95
20) Methylene Chloride	4.622	84	38561	19.833	ug/l	93
21) trans-1,2-Dichloroethene	5.128	96	40294	19.950	ug/l	97
22) Diisopropyl ether	6.025	45	128397	18.528	ug/l	98
23) Vinyl Acetate	5.970	43	342507	88.441	ug/l	99
24) 1,1-Dichloroethane	5.921	63	74724	19.100	ug/l	99
25) 2-Butanone	6.902	43	52570	88.939	ug/l	96
26) 2,2-Dichloropropane	6.890	77	68555	21.201	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	46756	21.018	ug/l	99
28) Bromochloromethane	7.250	49	28971	17.595	ug/l	93
29) Tetrahydrofuran	7.262	42	32725	92.634	ug/l	98
30) Chloroform	7.427	83	77935	20.630	ug/l	97
31) Cyclohexane	7.707	56	70298	19.690	ug/l	95
32) 1,1,1-Trichloroethane	7.622	97	74934	22.590	ug/l	97
36) 1,1-Dichloropropene	7.841	75	58088	22.112	ug/l	100
37) Ethyl Acetate	6.988	43	23874	19.839	ug/l	98
38) Carbon Tetrachloride	7.823	117	68755	25.067	ug/l	95
39) Methylcyclohexane	9.109	83	70904	21.566	ug/l	97
40) Benzene	8.085	78	169077	21.962	ug/l	98

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41) Methacrylonitrile	7.226	41	14019	20.474	ug/l #	92
42) 1,2-Dichloroethane	8.164	62	47302	22.763	ug/l	99
43) Isopropyl Acetate	8.201	43	47767	20.411	ug/l	96
44) Trichloroethene	8.872	130	42359	23.223	ug/l	100
45) 1,2-Dichloropropane	9.140	63	39192	21.338	ug/l	97
46) Dibromomethane	9.231	93	20543	21.821	ug/l	98
47) Bromodichloromethane	9.426	83	57676	22.193	ug/l	99
48) Methyl methacrylate	9.225	41	22790	20.369	ug/l	99
49) 1,4-Dioxane	9.231	88	4006	413.611	ug/l #	93
51) 4-Methyl-2-Pentanone	9.999	43	117709	99.111	ug/l	99
52) Toluene	10.176	92	107876	22.926	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	52567	21.390	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	62946	22.375	ug/l	96
55) 1,1,2-Trichloroethane	10.573	97	26648	21.325	ug/l	99
56) Ethyl methacrylate	10.438	69	38456	20.491	ug/l	95
57) 1,3-Dichloropropane	10.719	76	48892	21.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	77145	86.692	ug/l	96
59) 2-Hexanone	10.762	43	80713	95.975	ug/l	99
60) Dibromochloromethane	10.914	129	37345	23.185	ug/l	99
61) 1,2-Dibromoethane	11.018	107	24581	21.227	ug/l	100
64) Tetrachloroethene	10.646	164	38693	23.678	ug/l	97
65) Chlorobenzene	11.444	112	110439	21.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	39344	23.301	ug/l	98
67) Ethyl Benzene	11.517	91	208416	22.351	ug/l	99
68) m/p-Xylenes	11.627	106	153770	45.781	ug/l	98
69) o-Xylene	11.956	106	72077	22.625	ug/l	97
70) Styrene	11.969	104	121053	22.870	ug/l	99
71) Bromoform	12.133	173	20331	23.104	ug/l #	99
73) Isopropylbenzene	12.255	105	198207	22.396	ug/l	99
74) N-ethyl acetate	12.072	43	41408	19.361	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	28784	20.124	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	22483m	22.833	ug/l	
77) Bromobenzene	12.536	156	40180	21.670	ug/l	97
78) n-propylbenzene	12.597	91	234975	22.123	ug/l	99
79) 2-Chlorotoluene	12.682	91	131389	21.515	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	161225	22.541	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	10175	20.247	ug/l	98
82) 4-Chlorotoluene	12.779	91	136028	21.583	ug/l	98
83) tert-Butylbenzene	12.999	119	143537	22.741	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	157069	22.150	ug/l	99
85) sec-Butylbenzene	13.176	105	205164	20.618	ug/l	100
86) p-Isopropyltoluene	13.292	119	171265	22.261	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	79006	21.073	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	79039	22.065	ug/l	98
89) n-Butylbenzene	13.621	91	158280	21.483	ug/l	99
90) Hexachloroethane	13.883	117	32114	21.627	ug/l	95
91) 1,2-Dichlorobenzene	13.663	146	68828	22.034	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4670	19.897	ug/l	99
93) 1,2,4-Trichlorobenzene	14.925	180	39428	20.876	ug/l	98
94) Hexachlorobutadiene	15.029	225	27137	23.539	ug/l	95
95) Naphthalene	15.151	128	65910	20.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	32633	20.208	ug/l	97

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

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