

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018254.D
 Acq On : 14 May 2024 13:08
 Operator : SY/MD
 Sample : VY0514SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

Quant Time: May 15 04:13:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	194728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	78382	54.715	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	109.420%	
35) Dibromofluoromethane	7.710	113	87522	50.814	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	101.620%	
50) Toluene-d8	10.179	98	344861	50.810	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	101.620%	
62) 4-Bromofluorobenzene	12.483	95	107853	49.206	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	98.420%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37430	24.238	ug/l	93
3) Chloromethane	2.107	50	52083	25.195	ug/l	99
4) Vinyl Chloride	2.247	62	61515	24.548	ug/l	100
5) Bromomethane	2.637	94	42447	24.390	ug/l	99
6) Chloroethane	2.784	64	38593	24.267	ug/l	92
7) Trichlorofluoromethane	3.113	101	67719	23.071	ug/l	97
8) Diethyl Ether	3.515	74	21856	22.619	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.887	101	42534	22.737	ug/l	98
10) Methyl Iodide	4.082	142	46391	21.237	ug/l	98
11) Tert butyl alcohol	4.948	59	20909	161.891	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	42224	22.422	ug/l	96
13) Acrolein	3.722	56	20764	146.444	ug/l	97
14) Allyl chloride	4.466	41	55324	23.093	ug/l	94
15) Acrylonitrile	5.155	53	45655	122.863	ug/l	99
16) Acetone	3.942	43	32951	115.262	ug/l	92
17) Carbon Disulfide	4.186	76	125664	24.511	ug/l	100
18) Methyl Acetate	4.466	43	20123	24.710	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	98237	23.418	ug/l	93
20) Methylene Chloride	4.710	84	57648	28.529	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	46074	23.081	ug/l	90
22) Diisopropyl ether	6.112	45	115111	22.650	ug/l	95
23) Vinyl Acetate	6.051	43	369396	119.589	ug/l	97
24) 1,1-Dichloroethane	6.009	63	69814	22.304	ug/l	100
25) 2-Butanone	6.978	43	57798	126.479	ug/l	92
26) 2,2-Dichloropropane	6.972	77	61439	21.687	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	53319	22.601	ug/l	96
28) Bromochloromethane	7.325	49	23047	18.421	ug/l	99
29) Tetrahydrofuran	7.344	42	36844	122.143	ug/l	98
30) Chloroform	7.502	83	71690	21.939	ug/l	97
31) Cyclohexane	7.783	56	68748	23.527	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	66050	22.551	ug/l	98
36) 1,1-Dichloropropene	7.911	75	55863	22.624	ug/l	98
37) Ethyl Acetate	7.063	43	24417	23.495	ug/l	97
38) Carbon Tetrachloride	7.899	117	57908	21.464	ug/l	99
39) Methylcyclohexane	9.179	83	79357	22.278	ug/l	99
40) Benzene	8.155	78	175109	22.048	ug/l	98

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41) Methacrylonitrile	7.301	41	13143	21.901	ug/l	94
42) 1,2-Dichloroethane	8.234	62	41216	23.851	ug/l	99
43) Isopropyl Acetate	8.270	43	51154	24.014	ug/l	94
44) Trichloroethene	8.935	130	45883	21.221	ug/l	94
45) 1,2-Dichloropropane	9.215	63	38200	22.000	ug/l	98
46) Dibromomethane	9.301	93	23007	23.048	ug/l	99
47) Bromodichloromethane	9.496	83	53108	21.521	ug/l	97
48) Methyl methacrylate	9.289	41	23329	23.896	ug/l	91
49) 1,4-Dioxane	9.295	88	5903	445.504	ug/l #	97
51) 4-Methyl-2-Pentanone	10.069	43	126042	117.726	ug/l	97
52) Toluene	10.240	92	114271	22.349	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	50021	21.701	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	62076	22.031	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	30914	22.544	ug/l	94
56) Ethyl methacrylate	10.508	69	42025	22.565	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	51555	23.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	97652	109.808	ug/l	96
59) 2-Hexanone	10.831	43	89307	119.299	ug/l	93
60) Dibromochloromethane	10.983	129	38474	21.625	ug/l	100
61) 1,2-Dibromoethane	11.087	107	29810	23.080	ug/l	97
64) Tetrachloroethene	10.721	164	41022	21.855	ug/l	98
65) Chlorobenzene	11.514	112	122927	21.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	39332	21.178	ug/l	99
67) Ethyl Benzene	11.593	91	208698	21.527	ug/l	97
68) m/p-Xylenes	11.703	106	165018	43.044	ug/l	97
69) o-Xylene	12.026	106	78837	21.428	ug/l	97
70) Styrene	12.044	104	130606	21.257	ug/l	98
71) Bromoform	12.209	173	20982	20.418	ug/l #	99
73) Isopropylbenzene	12.331	105	201788	21.287	ug/l	97
74) N-amyl acetate	12.142	43	45260	23.001	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	33426	22.105	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	23285m	23.009	ug/l	
77) Bromobenzene	12.605	156	46472	21.340	ug/l	96
78) n-propylbenzene	12.672	91	240325	21.797	ug/l	98
79) 2-Chlorotoluene	12.757	91	132878	21.687	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	158367	21.187	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	11699	22.273	ug/l	98
82) 4-Chlorotoluene	12.855	91	133732	21.730	ug/l	97
83) tert-Butylbenzene	13.074	119	148684	21.566	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	158196	21.606	ug/l	98
85) sec-Butylbenzene	13.251	105	221616	21.914	ug/l	97
86) p-Isopropyltoluene	13.367	119	178384	21.441	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	90438	21.504	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	89468	21.822	ug/l	99
89) n-Butylbenzene	13.696	91	167315	22.222	ug/l	98
90) Hexachloroethane	13.958	117	32586	19.965	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	80848	22.366	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4673	22.695	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	44110	21.706	ug/l	98
94) Hexachlorobutadiene	15.111	225	23450	20.915	ug/l	97
95) Naphthalene	15.233	128	86103	23.123	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	37788	22.659	ug/l	99

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

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