

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018270.D
 Acq On : 15 May 2024 14:15
 Operator : SY/MD
 Sample : VY0515SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

Quant Time: May 16 03:05:16 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	181527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	270481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67408	50.476	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.960%			
35) Dibromofluoromethane	7.709	113	74112	44.639	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.280%			
50) Toluene-d8	10.178	98	292671	44.734	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.460%			
62) 4-Bromofluorobenzene	12.483	95	91276	43.201	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	28182	19.576	ug/l	94
3) Chloromethane	2.107	50	42129	21.862	ug/l	94
4) Vinyl Chloride	2.247	62	50435	21.590	ug/l	96
5) Bromomethane	2.637	94	33894	20.892	ug/l	99
6) Chloroethane	2.783	64	31868	21.495	ug/l	97
7) Trichlorofluoromethane	3.113	101	54007	19.738	ug/l	98
8) Diethyl Ether	3.521	74	17459	19.382	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	35234	20.205	ug/l	96
10) Methyl Iodide	4.082	142	38228	18.773	ug/l	98
11) Tert butyl alcohol	4.941	59	16410	134.332	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	34340	19.561	ug/l	94
13) Acrolein	3.716	56	20390	154.511	ug/l	98
14) Allyl chloride	4.472	41	45327	20.296	ug/l	99
15) Acrylonitrile	5.155	53	39813	114.933	ug/l	99
16) Acetone	3.942	43	28241	105.970	ug/l #	86
17) Carbon Disulfide	4.186	76	100932	21.119	ug/l #	94
18) Methyl Acetate	4.472	43	17427	22.956	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	81567	20.858	ug/l	100
20) Methylene Chloride	4.710	84	43250	22.961	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	36497	19.613	ug/l	90
22) Diisopropyl ether	6.106	45	95925	20.248	ug/l	94
23) Vinyl Acetate	6.051	43	306540	106.457	ug/l	99
24) 1,1-Dichloroethane	6.008	63	59033	20.231	ug/l	97
25) 2-Butanone	6.978	43	47901	112.444	ug/l	96
26) 2,2-Dichloropropane	6.972	77	48771	18.467	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	42257	19.215	ug/l	99
28) Bromochloromethane	7.325	49	23532	20.177	ug/l	99
29) Tetrahydrofuran	7.343	42	33372	118.678	ug/l	92
30) Chloroform	7.496	83	60504	19.862	ug/l	98
31) Cyclohexane	7.782	56	55078	19.903	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	53563	19.618	ug/l	99
36) 1,1-Dichloropropene	7.910	75	45745	19.220	ug/l	100
37) Ethyl Acetate	7.069	43	20399	20.363	ug/l #	95
38) Carbon Tetrachloride	7.898	117	47105	18.113	ug/l	99
39) Methylcyclohexane	9.185	83	64498	18.784	ug/l	96
40) Benzene	8.154	78	144213	18.837	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11444m	19.783	ug/l	
42) 1,2-Dichloroethane	8.234	62	33655	20.204	ug/l	97
43) Isopropyl Acetate	8.270	43	42970	20.927	ug/l	95
44) Trichloroethene	8.941	130	38379	18.415	ug/l	95
45) 1,2-Dichloropropane	9.209	63	31849	19.029	ug/l	99
46) Dibromomethane	9.300	93	19007	19.754	ug/l	99
47) Bromodichloromethane	9.496	83	44631	18.762	ug/l	96
48) Methyl methacrylate	9.294	41	18768	19.943	ug/l	93
49) 1,4-Dioxane	9.294	88	5439	425.850	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	109919	106.509	ug/l	95
52) Toluene	10.239	92	92686	18.806	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	41548	18.699	ug/l	96
54) cis-1,3-Dichloropropene	9.928	75	51394	18.923	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	26766	20.249	ug/l	96
56) Ethyl methacrylate	10.508	69	34402	19.163	ug/l	90
57) 1,3-Dichloropropane	10.788	76	43031	20.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	91138	106.319	ug/l	97
59) 2-Hexanone	10.831	43	74418	103.130	ug/l	94
60) Dibromochloromethane	10.983	129	32814	19.134	ug/l	97
61) 1,2-Dibromoethane	11.087	107	24422	19.616	ug/l	99
64) Tetrachloroethene	10.715	164	31890	17.708	ug/l	97
65) Chlorobenzene	11.513	112	100086	18.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	32155	18.045	ug/l	98
67) Ethyl Benzene	11.593	91	170595	18.341	ug/l	95
68) m/p-Xylenes	11.702	106	133352	36.254	ug/l	97
69) o-Xylene	12.032	106	63578	18.011	ug/l	97
70) Styrene	12.044	104	106261	18.026	ug/l	99
71) Bromoform	12.208	173	17358	17.606	ug/l #	97
73) Isopropylbenzene	12.330	105	165497	18.618	ug/l	99
74) N-amyl acetate	12.141	43	38066	20.629	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	28102	19.818	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	19915m	20.986	ug/l	
77) Bromobenzene	12.605	156	37084	18.160	ug/l	97
78) n-propylbenzene	12.672	91	192143	18.584	ug/l	98
79) 2-Chlorotoluene	12.757	91	104374	18.166	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	126874	18.101	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	9442	19.169	ug/l	96
82) 4-Chlorotoluene	12.855	91	108489	18.798	ug/l	98
83) tert-Butylbenzene	13.074	119	117384	18.156	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	126621	18.441	ug/l	99
85) sec-Butylbenzene	13.251	105	174417	18.392	ug/l	98
86) p-Isopropyltoluene	13.367	119	142732	18.295	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	70622	17.907	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	70462	18.328	ug/l	99
89) n-Butylbenzene	13.696	91	127090	18.000	ug/l	99
90) Hexachloroethane	13.958	117	26335	17.206	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	61828	18.240	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	3921	20.308	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	32477	17.043	ug/l	98
94) Hexachlorobutadiene	15.110	225	17582	16.722	ug/l	98
95) Naphthalene	15.232	128	64883	18.581	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	27369	17.501	ug/l	97

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

