

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018302.D
 Acq On : 17 May 2024 12:48
 Operator : SY/MD
 Sample : VY0517SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0517SBS01

Quant Time: May 18 00:46:55 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 05/20/2024
 Supervised By :Semsettin Yesilyurt 05/20/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	167980	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	307680	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80028	64.759	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.520%			
35) Dibromofluoromethane	7.710	113	87816	54.308	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.620%			
50) Toluene-d8	10.179	98	347983	54.611	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.220%			
62) 4-Bromofluorobenzene	12.477	95	106341	51.678	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	30814	23.131	ug/l	98
3) Chloromethane	2.107	50	47063	26.392	ug/l	98
4) Vinyl Chloride	2.247	62	55610	25.725	ug/l	99
5) Bromomethane	2.637	94	37220	24.792	ug/l	95
6) Chloroethane	2.784	64	35173	25.638	ug/l	99
7) Trichlorofluoromethane	3.119	101	60845	24.030	ug/l	97
8) Diethyl Ether	3.521	74	18738	22.480	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	38303	23.736	ug/l	96
10) Methyl Iodide	4.082	142	38530	20.447	ug/l	98
11) Tert butyl alcohol	4.942	59	17328	155.040	ug/l	99
12) 1,1-Dichloroethene	3.863	96	36863	22.692	ug/l	95
13) Acrolein	3.716	56	14420	116.994	ug/l	97
14) Allyl chloride	4.472	41	49966	24.177	ug/l	97
15) Acrylonitrile	5.155	53	39691	123.822	ug/l	97
16) Acetone	3.936	43	29620	120.108	ug/l	93
17) Carbon Disulfide	4.186	76	110941	25.085	ug/l	100
18) Methyl Acetate	4.466	43	17388	24.752	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	86240	23.832	ug/l	96
20) Methylene Chloride	4.698	84	46876	26.892	ug/l	95
21) trans-1,2-Dichloroethene	5.210	96	41058	23.843	ug/l	98
22) Diisopropyl ether	6.106	45	112383	25.635	ug/l	96
23) Vinyl Acetate	6.051	43	332661	124.845	ug/l	96
24) 1,1-Dichloroethane	6.003	63	68462	25.355	ug/l	99
25) 2-Butanone	6.978	43	47779	121.203	ug/l	92
26) 2,2-Dichloropropane	6.978	77	58676	24.010	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	47151	23.169	ug/l	96
28) Bromochloromethane	7.325	49	22787	21.114	ug/l	89
29) Tetrahydrofuran	7.338	42	32970	126.704	ug/l	90
30) Chloroform	7.502	83	67129	23.814	ug/l	99
31) Cyclohexane	7.777	56	66925	26.840	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	59374	23.500	ug/l	98
36) 1,1-Dichloropropene	7.911	75	52335	22.577	ug/l	99
37) Ethyl Acetate	7.069	43	21495	22.031	ug/l #	97
38) Carbon Tetrachloride	7.892	117	51743	20.428	ug/l	98
39) Methylcyclohexane	9.179	83	75565	22.596	ug/l	96
40) Benzene	8.155	78	163210	21.889	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	13284	23.578	ug/l #	85
42) 1,2-Dichloroethane	8.234	62	37343	23.018	ug/l	97
43) Isopropyl Acetate	8.270	43	45131	22.567	ug/l	95
44) Trichloroethene	8.935	130	40717	20.059	ug/l	93
45) 1,2-Dichloropropane	9.215	63	35903	22.024	ug/l	95
46) Dibromomethane	9.301	93	20590	21.971	ug/l	92
47) Bromodichloromethane	9.496	83	47800	20.632	ug/l	97
48) Methyl methacrylate	9.288	41	19089	20.827	ug/l	91
49) 1,4-Dioxane	9.295	88	4587	368.746	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	103962	103.431	ug/l	96
52) Toluene	10.240	92	98889	20.601	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	42785	19.771	ug/l	90
54) cis-1,3-Dichloropropene	9.929	75	55224	20.877	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	26076	20.255	ug/l	98
56) Ethyl methacrylate	10.508	69	33848	19.359	ug/l #	89
57) 1,3-Dichloropropane	10.788	76	43719	20.866	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	81108	97.149	ug/l	99
59) 2-Hexanone	10.831	43	69842	99.377	ug/l	96
60) Dibromochloromethane	10.983	129	32936	19.719	ug/l	100
61) 1,2-Dibromoethane	11.087	107	24334	20.068	ug/l	98
64) Tetrachloroethene	10.721	164	36608	21.067	ug/l	98
65) Chlorobenzene	11.514	112	105433	19.835	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	34024	19.789	ug/l	99
67) Ethyl Benzene	11.593	91	189144	21.075	ug/l	98
68) m/p-Xylenes	11.697	106	146683	41.329	ug/l	97
69) o-Xylene	12.026	106	69633	20.444	ug/l	97
70) Styrene	12.044	104	115967	20.388	ug/l	97
71) Bromoform	12.209	173	17052	17.924	ug/l #	99
73) Isopropylbenzene	12.331	105	182862	20.786	ug/l	100
74) N-amyl acetate	12.142	43	36213	19.829	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	27236	19.408	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	18900m	20.124	ug/l	
77) Bromobenzene	12.605	156	39023	19.309	ug/l	98
78) n-propylbenzene	12.672	91	217686	21.274	ug/l	99
79) 2-Chlorotoluene	12.757	91	115441	20.302	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	142405	20.528	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	9462	19.410	ug/l	100
82) 4-Chlorotoluene	12.855	91	120845	21.158	ug/l	100
83) tert-Butylbenzene	13.074	119	131527	20.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	140128	20.621	ug/l	100
85) sec-Butylbenzene	13.251	105	197232	21.014	ug/l	100
86) p-Isopropyltoluene	13.367	119	159573	20.667	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	78927	20.222	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	77861	20.463	ug/l	98
89) n-Butylbenzene	13.696	91	148585	21.264	ug/l	98
90) Hexachloroethane	13.964	117	28376	18.733	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	67760	20.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3785	19.808	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	36998	19.618	ug/l	98
94) Hexachlorobutadiene	15.111	225	20825	20.013	ug/l	97
95) Naphthalene	15.239	128	65280	18.890	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	31150	20.126	ug/l	98

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

