

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018253.D
 Acq On : 14 May 2024 12:45
 Operator : SY/MD
 Sample : VY0514SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBS01

Quant Time: May 15 04:13:01 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 05/15/2024
 Supervised By :Semsettin Yesilyurt 05/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	210277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	89111	57.605	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.200%			
35) Dibromofluoromethane	7.710	113	101416	53.688	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.380%			
50) Toluene-d8	10.179	98	406321	54.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.180%			
62) 4-Bromofluorobenzene	12.483	95	124966	51.984	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35782	21.457	ug/l	95
3) Chloromethane	2.107	50	52403	23.475	ug/l	97
4) Vinyl Chloride	2.247	62	62798	23.207	ug/l	96
5) Bromomethane	2.638	94	43382	23.084	ug/l	99
6) Chloroethane	2.784	64	38724	22.549	ug/l	98
7) Trichlorofluoromethane	3.119	101	66088	20.850	ug/l	92
8) Diethyl Ether	3.515	74	21837	20.928	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	41244	20.417	ug/l	99
10) Methyl Iodide	4.082	142	45090	19.115	ug/l	100
11) Tert butyl alcohol	4.948	59	18856	133.151	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	43203	21.245	ug/l	96
13) Acrolein	3.723	56	21952	143.277	ug/l	96
14) Allyl chloride	4.473	41	53805	20.798	ug/l	98
15) Acrylonitrile	5.149	53	42159	105.066	ug/l	97
16) Acetone	3.942	43	31739	102.812	ug/l	89
17) Carbon Disulfide	4.180	76	126965	22.934	ug/l	98
18) Methyl Acetate	4.466	43	19512	22.188	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	94845	20.937	ug/l	100
20) Methylene Chloride	4.698	84	58540	26.829	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	45678	21.190	ug/l	93
22) Diisopropyl ether	6.112	45	114006	20.774	ug/l	98
23) Vinyl Acetate	6.052	43	346782	103.966	ug/l	99
24) 1,1-Dichloroethane	6.009	63	70829	20.955	ug/l	98
25) 2-Butanone	6.978	43	50343	102.019	ug/l	98
26) 2,2-Dichloropropane	6.972	77	64993	21.245	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	52774	20.716	ug/l	97
28) Bromochloromethane	7.326	49	24437	18.088	ug/l	94
29) Tetrahydrofuran	7.344	42	33699	103.456	ug/l	98
30) Chloroform	7.496	83	73773	20.907	ug/l	100
31) Cyclohexane	7.777	56	69652	21.935	ug/l #	89
32) 1,1,1-Trichloroethane	7.698	97	65442	20.692	ug/l	98
36) 1,1-Dichloropropene	7.911	75	56599	20.901	ug/l	98
37) Ethyl Acetate	7.057	43	23017	20.194	ug/l	94
38) Carbon Tetrachloride	7.899	117	57666	19.489	ug/l	96
39) Methylcyclohexane	9.179	83	78860	20.186	ug/l	98
40) Benzene	8.155	78	176387	20.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12761	19.389	ug/l #	89
42) 1,2-Dichloroethane	8.234	62	38960	20.557	ug/l	96
43) Isopropyl Acetate	8.265	43	46310	19.823	ug/l	95
44) Trichloroethene	8.935	130	46361	19.551	ug/l	96
45) 1,2-Dichloropropane	9.216	63	38430	20.180	ug/l	99
46) Dibromomethane	9.301	93	22363	20.427	ug/l	98
47) Bromodichloromethane	9.490	83	52955	19.566	ug/l	99
48) Methyl methacrylate	9.289	41	20577	19.218	ug/l	95
49) 1,4-Dioxane	9.289	88	5297	364.509	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	116354	99.092	ug/l	96
52) Toluene	10.240	92	113694	20.275	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	49394	19.539	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	60378	19.539	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	29952	19.916	ug/l	97
56) Ethyl methacrylate	10.508	69	39856	19.513	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	48193	19.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	88974	91.226	ug/l	96
59) 2-Hexanone	10.831	43	78794	95.972	ug/l	95
60) Dibromochloromethane	10.984	129	37302	19.117	ug/l	99
61) 1,2-Dibromoethane	11.087	107	27450	19.378	ug/l	96
64) Tetrachloroethene	10.721	164	39985	19.686	ug/l	94
65) Chlorobenzene	11.514	112	121339	19.530	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	38710	19.261	ug/l	99
67) Ethyl Benzene	11.593	91	211091	20.122	ug/l	96
68) m/p-Xylenes	11.703	106	167713	40.428	ug/l	96
69) o-Xylene	12.026	106	77138	19.376	ug/l	99
70) Styrene	12.044	104	126981	19.099	ug/l	99
71) Bromoform	12.209	173	19898	17.894	ug/l #	96
73) Isopropylbenzene	12.331	105	200731	19.831	ug/l	98
74) N-amyl acetate	12.142	43	40166	19.116	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	31807	19.699	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	21398m	19.802	ug/l	
77) Bromobenzene	12.605	156	45084	19.388	ug/l	94
78) n-propylbenzene	12.672	91	235156	19.973	ug/l	97
79) 2-Chlorotoluene	12.758	91	128974	19.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	158901	19.909	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	10853	19.350	ug/l	99
82) 4-Chlorotoluene	12.855	91	129239	19.666	ug/l	98
83) tert-Butylbenzene	13.075	119	145514	19.765	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	155145	19.843	ug/l	99
85) sec-Butylbenzene	13.251	105	214766	19.888	ug/l	99
86) p-Isopropyltoluene	13.367	119	174186	19.607	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	86389	19.237	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	85129	19.445	ug/l	98
89) n-Butylbenzene	13.697	91	160079	19.911	ug/l	99
90) Hexachloroethane	13.959	117	32618	18.715	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	76425	19.800	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4330	19.694	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	40337	18.589	ug/l	98
94) Hexachlorobutadiene	15.111	225	21068	17.597	ug/l	98
95) Naphthalene	15.233	128	74678	18.781	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	32874	18.460	ug/l	97

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

