

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052424\
 Data File : VY018365.D
 Acq On : 24 May 2024 14:46
 Operator : SY/MD
 Sample : VY0524SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0524SBS01

Quant Time: May 25 03:23:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	128137	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	234962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	205628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70245	57.863	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.720%			
35) Dibromofluoromethane	7.704	113	73020	53.292	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.580%			
50) Toluene-d8	10.173	98	295796	55.371	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.740%			
62) 4-Bromofluorobenzene	12.477	95	92734	56.180	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.360%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	21779	19.914	ug/l	92
3) Chloromethane	2.101	50	37601	21.156	ug/l	97
4) Vinyl Chloride	2.241	62	45530	22.899	ug/l	99
5) Bromomethane	2.631	94	31895	22.437	ug/l	96
6) Chloroethane	2.778	64	30540	23.662	ug/l	95
7) Trichlorofluoromethane	3.113	101	49710	22.278	ug/l	95
8) Diethyl Ether	3.521	74	16248	22.805	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	29314	21.295	ug/l	93
10) Methyl Iodide	4.076	142	28338	20.470	ug/l	99
11) Tert butyl alcohol	4.942	59	20934	174.135	ug/l	98
12) 1,1-Dichloroethene	3.851	96	27263	20.109	ug/l	94
13) Acrolein	3.716	56	12302	114.510	ug/l	100
14) Allyl chloride	4.460	41	44613	23.561	ug/l	94
15) Acrylonitrile	5.149	53	35811	116.205	ug/l	98
16) Acetone	3.936	43	30085	120.490	ug/l	90
17) Carbon Disulfide	4.180	76	73752	19.480	ug/l	# 95
18) Methyl Acetate	4.460	43	16216	24.502	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	74930	23.048	ug/l	96
20) Methylene Chloride	4.698	84	42648	27.485	ug/l	86
21) trans-1,2-Dichloroethene	5.198	96	30389	21.247	ug/l	96
22) Diisopropyl ether	6.100	45	98649	25.070	ug/l	92
23) Vinyl Acetate	6.045	43	296061	117.503	ug/l	96
24) 1,1-Dichloroethane	5.997	63	56589	23.450	ug/l	96
25) 2-Butanone	6.972	43	48447	122.440	ug/l	94
26) 2,2-Dichloropropane	6.972	77	48774	23.381	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	38460	22.884	ug/l	95
28) Bromochloromethane	7.319	49	18768	22.899	ug/l	81
29) Tetrahydrofuran	7.338	42	31600	121.333	ug/l	87
30) Chloroform	7.490	83	58498	23.783	ug/l	96
31) Cyclohexane	7.777	56	50068	22.015	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	47823	22.151	ug/l	95
36) 1,1-Dichloropropene	7.905	75	41995	21.134	ug/l	97
37) Ethyl Acetate	7.063	43	20137	21.184	ug/l	# 95
38) Carbon Tetrachloride	7.886	117	40539	19.919	ug/l	97
39) Methylcyclohexane	9.179	83	55350	19.968	ug/l	95
40) Benzene	8.149	78	131139	21.649	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	11752	24.768	ug/l	86
42) 1,2-Dichloroethane	8.228	62	32059	22.002	ug/l	99
43) Isopropyl Acetate	8.264	43	40163	21.655	ug/l	93
44) Trichloroethene	8.935	130	31509	20.293	ug/l	100
45) 1,2-Dichloropropane	9.209	63	30859	22.651	ug/l	95
46) Dibromomethane	9.301	93	16952	21.205	ug/l	89
47) Bromodichloromethane	9.490	83	42383	21.845	ug/l	97
48) Methyl methacrylate	9.289	41	18099	21.574	ug/l	95
49) 1,4-Dioxane	9.289	88	4628	446.190	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	105822	113.055	ug/l	92
52) Toluene	10.240	92	81757	21.531	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	40247	22.690	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	47778	21.982	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	23324	22.022	ug/l	97
56) Ethyl methacrylate	10.508	69	33933	23.358	ug/l #	90
57) 1,3-Dichloropropane	10.782	76	41174	22.937	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	69052	105.194	ug/l	97
59) 2-Hexanone	10.825	43	75634	117.431	ug/l	93
60) Dibromochloromethane	10.977	129	27691	21.646	ug/l	99
61) 1,2-Dibromoethane	11.087	107	20982	21.471	ug/l	97
64) Tetrachloroethene	10.715	164	27841	19.087	ug/l	94
65) Chlorobenzene	11.514	112	87701	20.647	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	29157	21.698	ug/l	95
67) Ethyl Benzene	11.587	91	158887	21.299	ug/l	99
68) m/p-Xylenes	11.697	106	121930	42.481	ug/l	99
69) o-Xylene	12.026	106	57649	21.283	ug/l	96
70) Styrene	12.038	104	98667	22.036	ug/l	99
71) Bromoform	12.203	173	14311	20.135	ug/l #	97
73) Isopropylbenzene	12.325	105	152202	20.867	ug/l	100
74) N-amyl acetate	12.142	43	36586	21.499	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	27002	21.726	ug/l	98
76) 1,2,3-Trichloropropane	12.623	75	20711m	24.831	ug/l	
77) Bromobenzene	12.605	156	31126	19.484	ug/l	90
78) n-propylbenzene	12.666	91	185110	21.195	ug/l	98
79) 2-Chlorotoluene	12.751	91	101372	21.440	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	119153	20.788	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	8575	21.153	ug/l	96
82) 4-Chlorotoluene	12.849	91	102624	21.406	ug/l	99
83) tert-Butylbenzene	13.075	119	113548	21.431	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	118505	21.023	ug/l	99
85) sec-Butylbenzene	13.251	105	165084	21.068	ug/l	98
86) p-Isopropyltoluene	13.367	119	134248	20.945	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	63885	20.308	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	64998	20.760	ug/l	98
89) n-Butylbenzene	13.690	91	126269	20.964	ug/l	98
90) Hexachloroethane	13.959	117	24823	20.972	ug/l	84
91) 1,2-Dichlorobenzene	13.733	146	57452	21.047	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3591	21.066	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	28515	18.340	ug/l	97
94) Hexachlorobutadiene	15.111	225	14758	18.548	ug/l	95
95) Naphthalene	15.233	128	57217	18.714	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	25033	18.937	ug/l	95

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

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