

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016896.D
 Acq On : 02 Jan 2024 15:58
 Operator : SY/MD
 Sample : VY0102SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0102SBS01

Quant Time: Jan 03 00:18:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	139418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	198749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	85753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	66995	48.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.240%		
35) Dibromofluoromethane	7.734	113	72522	48.961	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.920%		
50) Toluene-d8	10.191	98	259689	50.914	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.820%		
62) 4-Bromofluorobenzene	12.495	95	84395	49.042	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	22360	19.356	ug/l	97
3) Chloromethane	2.125	50	32077	19.586	ug/l	99
4) Vinyl Chloride	2.265	62	37797	19.565	ug/l	99
5) Bromomethane	2.662	94	27853	20.126	ug/l	92
6) Chloroethane	2.808	64	24789	18.969	ug/l	92
7) Trichlorofluoromethane	3.137	101	48391	20.330	ug/l	95
8) Diethyl Ether	3.546	74	15467	20.333	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.911	101	30311	19.585	ug/l	98
10) Methyl Iodide	4.113	142	24176	18.361	ug/l	98
11) Tert butyl alcohol	4.978	59	13385	115.688	ug/l #	92
12) 1,1-Dichloroethene	3.893	96	26448	19.917	ug/l	96
13) Acrolein	3.741	56	18267	117.391	ug/l	96
14) Allyl chloride	4.503	41	41517	19.777	ug/l	99
15) Acrylonitrile	5.186	53	35210	98.957	ug/l	99
16) Acetone	3.960	43	46798	125.806	ug/l	99
17) Carbon Disulfide	4.216	76	58161	18.331	ug/l	99
18) Methyl Acetate	4.497	43	26222	17.762	ug/l	100
19) Methyl tert-butyl Ether	5.240	73	68718	19.891	ug/l	98
20) Methylene Chloride	4.734	84	59707	30.192	ug/l	97
21) trans-1,2-Dichloroethene	5.247	96	29445	19.361	ug/l	93
22) Diisopropyl ether	6.137	45	98311	20.257	ug/l	97
23) Vinyl Acetate	6.082	43	228621	102.735	ug/l	99
24) 1,1-Dichloroethane	6.039	63	58207	19.958	ug/l	99
25) 2-Butanone	7.008	43	55969	113.737	ug/l	98
26) 2,2-Dichloropropane	7.002	77	48788	19.293	ug/l	100
27) cis-1,2-Dichloroethene	7.008	96	35490	19.907	ug/l	99
28) Bromochloromethane	7.356	49	22331	20.395	ug/l	98
29) Tetrahydrofuran	7.368	42	27054	97.005	ug/l	97
30) Chloroform	7.527	83	59383	19.758	ug/l	99
31) Cyclohexane	7.807	56	45513	19.244	ug/l	95
32) 1,1,1-Trichloroethane	7.722	97	50016	19.627	ug/l	99
36) 1,1-Dichloropropene	7.935	75	42195	19.547	ug/l	98
37) Ethyl Acetate	7.094	43	20147	20.538	ug/l	97
38) Carbon Tetrachloride	7.923	117	43693	19.922	ug/l	98
39) Methylcyclohexane	9.203	83	46373	19.109	ug/l	97
40) Benzene	8.179	78	127310	19.660	ug/l	100

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Reviewed By :Mahesh Dadoda 01/04/2024
 Supervised By :Semsettin Yesilyurt 01/04/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	9640m	18.659	ug/l	
42) 1,2-Dichloroethane	8.252	62	34437	20.032	ug/l	99
43) Isopropyl Acetate	8.289	43	37117	19.758	ug/l	99
44) Trichloroethene	8.959	130	33399	20.269	ug/l	89
45) 1,2-Dichloropropane	9.234	63	33086	19.833	ug/l	98
46) Dibromomethane	9.325	93	16611	19.524	ug/l	98
47) Bromodichloromethane	9.514	83	45343	19.846	ug/l	97
48) Methyl methacrylate	9.307	41	18926	18.668	ug/l	93
49) 1,4-Dioxane	9.313	88	3467	393.552	ug/l	97
51) 4-Methyl-2-Pentanone	10.081	43	98934	99.028	ug/l	99
52) Toluene	10.258	92	78851	20.177	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	39782	19.439	ug/l	92
54) cis-1,3-Dichloropropene	9.941	75	48835	19.871	ug/l	98
55) 1,1,2-Trichloroethane	10.660	97	24322	19.568	ug/l	97
56) Ethyl methacrylate	10.520	69	20572	19.540	ug/l	93
57) 1,3-Dichloropropane	10.800	76	41511	20.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	54658	94.187	ug/l	100
59) 2-Hexanone	10.843	43	77298	105.077	ug/l	99
60) Dibromochloromethane	10.996	129	28561	19.925	ug/l	98
61) 1,2-Dibromoethane	11.099	107	21658	20.055	ug/l	97
64) Tetrachloroethene	10.733	164	25504	19.793	ug/l	98
65) Chlorobenzene	11.532	112	81593	19.707	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	31397	19.949	ug/l	99
67) Ethyl Benzene	11.605	91	148080	19.866	ug/l	96
68) m/p-Xylenes	11.715	106	109670	40.083	ug/l	99
69) o-Xylene	12.044	106	51463	20.064	ug/l	98
70) Styrene	12.056	104	74306	19.904	ug/l	99
71) Bromoform	12.221	173	15113	19.505	ug/l #	98
73) Isopropylbenzene	12.343	105	139705	19.950	ug/l	99
74) N-amyl acetate	12.154	43	28408	20.191	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	27668	19.391	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	17182m	18.464	ug/l	
77) Bromobenzene	12.623	156	30219	19.600	ug/l	99
78) n-propylbenzene	12.684	91	171372	20.130	ug/l	100
79) 2-Chlorotoluene	12.770	91	94069	19.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	112399	20.295	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	7916	19.316	ug/l	98
82) 4-Chlorotoluene	12.867	91	96576	20.024	ug/l	100
83) tert-Butylbenzene	13.087	119	95183	19.513	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	109788	20.129	ug/l	98
85) sec-Butylbenzene	13.270	105	146911	20.326	ug/l	99
86) p-Isopropyltoluene	13.385	119	119549	20.041	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	59116	19.551	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	59323	20.059	ug/l	99
89) n-Butylbenzene	13.708	91	113290	19.753	ug/l	99
90) Hexachloroethane	13.977	117	25086	19.571	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	50905	19.481	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3576	19.986	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	24964	19.239	ug/l	98
94) Hexachlorobutadiene	15.129	225	15017	18.474	ug/l	99
95) Naphthalene	15.251	128	42299	19.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	20247	18.376	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

