

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019047.D
 Acq On : 14 Aug 2024 10:23
 Operator : SY/MD
 Sample : VY0814SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBS01

Quant Time: Aug 14 21:42:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.695	168	48898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	75171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	65945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	34579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	21407	49.863	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.720%		
35) Dibromofluoromethane	7.622	113	23254	48.435	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.860%		
50) Toluene-d8	10.103	98	87170	47.269	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.540%		
62) 4-Bromofluorobenzene	12.408	95	25132	45.936	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	91.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	6830	20.321	ug/l	86
3) Chloromethane	2.068	50	18174	20.899	ug/l	97
4) Vinyl Chloride	2.202	62	23906	21.224	ug/l	95
5) Bromomethane	2.580	94	21168	23.555	ug/l	98
6) Chloroethane	2.727	64	16318	21.544	ug/l	97
7) Trichlorofluoromethane	3.044	101	33479	22.302	ug/l	92
8) Diethyl Ether	3.452	74	4116	17.787	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.806	101	9259	19.743	ug/l #	83
10) Methyl Iodide	3.995	142	9185	18.137	ug/l	98
11) Tert butyl alcohol	4.824	59	4980	103.241	ug/l #	97
12) 1,1-Dichloroethene	3.775	96	8743	19.733	ug/l	86
13) Acrolein	3.641	56	3861	83.022	ug/l	97
14) Allyl chloride	4.373	41	10832	18.280	ug/l #	82
15) Acrylonitrile	5.037	53	8580	94.579	ug/l	96
16) Acetone	3.854	43	8694	88.119	ug/l	93
17) Carbon Disulfide	4.098	76	24572	18.656	ug/l	96
18) Methyl Acetate	4.373	43	4910	20.577	ug/l	91
19) Methyl tert-butyl Ether	5.104	73	19754	18.127	ug/l	97
20) Methylene Chloride	4.610	84	12035	20.531	ug/l #	94
21) trans-1,2-Dichloroethene	5.104	96	10081	20.564	ug/l	96
22) Diisopropyl ether	6.013	45	25844	20.006	ug/l #	90
23) Vinyl Acetate	5.945	43	106539	95.564	ug/l	97
24) 1,1-Dichloroethane	5.909	63	15897	20.060	ug/l	99
25) 2-Butanone	6.884	43	13732	98.787	ug/l #	87
26) 2,2-Dichloropropane	6.878	77	13276	17.799	ug/l	96
27) cis-1,2-Dichloroethene	6.878	96	11181	19.062	ug/l	99
28) Bromochloromethane	7.232	49	7642	20.946	ug/l	91
29) Tetrahydrofuran	7.250	42	8002	97.627	ug/l	91
30) Chloroform	7.409	83	17733	20.918	ug/l	97
31) Cyclohexane	7.689	56	13463	17.604	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	16356	21.345	ug/l	98
36) 1,1-Dichloropropene	7.823	75	12647	19.624	ug/l	96
37) Ethyl Acetate	6.976	43	5946	20.185	ug/l #	73
38) Carbon Tetrachloride	7.805	117	14755	19.968	ug/l	95
39) Methylcyclohexane	9.103	83	16864	19.440	ug/l	93
40) Benzene	8.067	78	37635	19.641	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	2820m	20.245	ug/l	
42) 1,2-Dichloroethane	8.152	62	9591	20.106	ug/l	100
43) Isopropyl Acetate	8.189	43	11812	19.717	ug/l #	78
44) Trichloroethene	8.853	130	11730	21.476	ug/l	83
45) 1,2-Dichloropropane	9.134	63	8462	19.736	ug/l	91
46) Dibromomethane	9.225	93	5814	20.986	ug/l	97
47) Bromodichloromethane	9.420	83	13291	20.501	ug/l	94
48) Methyl methacrylate	9.213	41	5229	19.980	ug/l #	64
49) 1,4-Dioxane	9.213	88	1284	392.291	ug/l #	76
51) 4-Methyl-2-Pentanone	9.994	43	29526	95.565	ug/l #	86
52) Toluene	10.170	92	24796	19.481	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	10686	18.483	ug/l #	85
54) cis-1,3-Dichloropropene	9.853	75	12043	17.536	ug/l #	79
55) 1,1,2-Trichloroethane	10.567	97	6979	20.513	ug/l	92
56) Ethyl methacrylate	10.439	69	8243	17.894	ug/l #	68
57) 1,3-Dichloropropane	10.713	76	11306	20.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	21890	92.174	ug/l	98
59) 2-Hexanone	10.762	43	20836	94.013	ug/l	80
60) Dibromochloromethane	10.908	129	9867	21.632	ug/l	95
61) 1,2-Dibromoethane	11.012	107	6721	20.459	ug/l	95
64) Tetrachloroethene	10.646	164	11263	20.374	ug/l	95
65) Chlorobenzene	11.438	112	28589	19.745	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	9580	18.916	ug/l	97
67) Ethyl Benzene	11.518	91	47038	18.764	ug/l	96
68) m/p-Xylenes	11.627	106	37803	36.776	ug/l	96
69) o-Xylene	11.957	106	18064	19.041	ug/l	92
70) Styrene	11.969	104	31052	19.872	ug/l	93
71) Bromoform	12.133	173	5604	21.279	ug/l #	97
73) Isopropylbenzene	12.255	105	45106	17.971	ug/l	97
74) N-amyl acetate	12.072	43	9759	16.849	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	7893	19.486	ug/l	94
76) 1,2,3-Trichloropropane	12.560	75	4413m	17.131	ug/l	
77) Bromobenzene	12.536	156	11469	19.614	ug/l	84
78) n-propylbenzene	12.597	91	54107	18.213	ug/l	97
79) 2-Chlorotoluene	12.682	91	28515	18.540	ug/l	91
80) 1,3,5-Trimethylbenzene	12.737	105	35174	17.882	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	2247	17.974	ug/l	87
82) 4-Chlorotoluene	12.780	91	28577	18.149	ug/l	89
83) tert-Butylbenzene	12.999	119	33320	17.934	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	35286	17.684	ug/l	94
85) sec-Butylbenzene	13.176	105	49636	18.444	ug/l	98
86) p-Isopropyltoluene	13.292	119	40644	17.441	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	23000	19.256	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	22937	19.691	ug/l	97
89) n-Butylbenzene	13.621	91	37007	18.092	ug/l	97
90) Hexachloroethane	13.883	117	8503	19.338	ug/l	99
91) 1,2-Dichlorobenzene	13.664	146	19335	19.689	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.279	75	983	17.642	ug/l	91
93) 1,2,4-Trichlorobenzene	14.926	180	10352	19.144	ug/l	95
94) Hexachlorobutadiene	15.023	225	6255	21.092	ug/l	93
95) Naphthalene	15.145	128	15946	16.565	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.334	180	8746	18.844	ug/l	96

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

