

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018773.D
 Acq On : 11 Jul 2024 11:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/12/2024
 Supervised By :Semsettin Yesilyurt 07/12/2024

Quant Time: Jul 12 09:52:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	120636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	155865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	76293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	59303	49.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.710	113	61453	54.504	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.000%
50) Toluene-d8	10.173	98	229208	53.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.320%
62) 4-Bromofluorobenzene	12.477	95	74702	51.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	55270	54.677	ug/l	96
3) Chloromethane	2.107	50	75850	49.378	ug/l	98
4) Vinyl Chloride	2.241	62	97669	54.353	ug/l	98
5) Bromomethane	2.643	94	65533	53.019	ug/l	99
6) Chloroethane	2.784	64	64182	54.977	ug/l	97
7) Trichlorofluoromethane	3.107	101	125821	53.584	ug/l	94
8) Diethyl Ether	3.515	74	30675	53.598	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	67312	55.872	ug/l	95
10) Methyl Iodide	4.076	142	75949	58.542	ug/l	91
11) Tert butyl alcohol	4.942	59	19457	161.801	ug/l #	79
12) 1,1-Dichloroethene	3.857	96	63016	54.068	ug/l	94
13) Acrolein	3.722	56	16902	175.433	ug/l	97
14) Allyl chloride	4.460	41	78708	54.511	ug/l	91
15) Acrylonitrile	5.149	53	58498	259.097	ug/l	98
16) Acetone	3.936	43	55774	254.847	ug/l #	82
17) Carbon Disulfide	4.180	76	178898	54.818	ug/l	99
18) Methyl Acetate	4.466	43	35007	55.051	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	142925	52.863	ug/l	97
20) Methylene Chloride	4.698	84	73731	60.534	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	67541	54.907	ug/l	97
22) Diisopropyl ether	6.106	45	168612	53.684	ug/l	93
23) Vinyl Acetate	6.045	43	650706	262.971	ug/l	98
24) 1,1-Dichloroethane	5.996	63	108274	53.993	ug/l	99
25) 2-Butanone	6.972	43	79781	260.067	ug/l	91
26) 2,2-Dichloropropane	6.966	77	96032	51.612	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	78668	54.930	ug/l	99
28) Bromochloromethane	7.325	49	37759	46.880	ug/l	99
29) Tetrahydrofuran	7.332	42	50669	269.416	ug/l	94
30) Chloroform	7.496	83	121859	54.524	ug/l	100
31) Cyclohexane	7.777	56	96318	52.813	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	114645	55.164	ug/l	97
36) 1,1-Dichloropropene	7.911	75	87626	56.315	ug/l	100
37) Ethyl Acetate	7.063	43	32682	50.532	ug/l #	94
38) Carbon Tetrachloride	7.892	117	107782	57.512	ug/l	97
39) Methylcyclohexane	9.179	83	118993	59.675	ug/l	95
40) Benzene	8.155	78	255771	56.664	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	28465	77.196	ug/l #	15
42) 1,2-Dichloroethane	8.228	62	69780	55.216	ug/l	95
43) Isopropyl Acetate	8.270	43	69105	53.697	ug/l	96
44) Trichloroethene	8.935	130	71593	55.488	ug/l	97
45) 1,2-Dichloropropane	9.209	63	55254	56.214	ug/l	99
46) Dibromomethane	9.301	93	35525	55.759	ug/l	99
47) Bromodichloromethane	9.490	83	89391	56.163	ug/l	96
48) Methyl methacrylate	9.289	41	31401	53.681	ug/l #	86
49) 1,4-Dioxane	9.289	88	8444	1130.618	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	183173	278.777	ug/l	94
52) Toluene	10.240	92	167486	55.827	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	77210	56.184	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	89648	55.607	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	44993	55.768	ug/l	96
56) Ethyl methacrylate	10.502	69	58391	54.972	ug/l #	82
57) 1,3-Dichloropropane	10.788	76	74104	55.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	132037	260.189	ug/l	95
59) 2-Hexanone	10.825	43	126617	275.448	ug/l	91
60) Dibromochloromethane	10.983	129	62978	56.812	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42866	54.652	ug/l	100
64) Tetrachloroethene	10.715	164	73239	58.052	ug/l	97
65) Chlorobenzene	11.514	112	184426	56.091	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	64269	56.732	ug/l	98
67) Ethyl Benzene	11.587	91	329500	57.205	ug/l	98
68) m/p-Xylenes	11.697	106	253882	112.321	ug/l	98
69) o-Xylene	12.026	106	120630	56.766	ug/l	100
70) Styrene	12.044	104	201005	56.689	ug/l	97
71) Bromoform	12.209	173	34538	55.933	ug/l #	99
73) Isopropylbenzene	12.331	105	315206	56.452	ug/l	98
74) N-amyl acetate	12.142	43	61649	53.988	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	48070	54.611	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	62056	103.852	ug/l #	100
77) Bromobenzene	12.605	156	72484	54.377	ug/l	95
78) n-propylbenzene	12.672	91	375462	56.625	ug/l	98
79) 2-Chlorotoluene	12.757	91	206236	55.315	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	255960	56.026	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	14167	53.062	ug/l #	82
82) 4-Chlorotoluene	12.855	91	211500	55.090	ug/l	99
83) tert-Butylbenzene	13.074	119	239499	56.782	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	252072	55.524	ug/l	100
85) sec-Butylbenzene	13.251	105	339805	56.758	ug/l	97
86) p-Isopropyltoluene	13.367	119	289830	56.076	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	144182	55.073	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	139121	53.616	ug/l	99
89) n-Butylbenzene	13.696	91	258083	55.078	ug/l	98
90) Hexachloroethane	13.958	117	54227	56.415	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	124134	54.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	7194	50.438	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	74873	54.236	ug/l	97
94) Hexachlorobutadiene	15.111	225	41599	52.278	ug/l	97
95) Naphthalene	15.239	128	128766	54.371	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62613	53.008	ug/l	98

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

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