

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018539.D
 Acq On : 10 Jun 2024 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 01:50:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	39204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	63015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	58850	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	41546	53.963	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.920%			
35) Dibromofluoromethane	7.710	113	42035	52.605	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.200%			
50) Toluene-d8	10.179	98	166731	52.449	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.900%			
62) 4-Bromofluorobenzene	12.483	95	52842	53.388	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	25550	41.036	ug/l	97
3) Chloromethane	2.107	50	61841	53.259	ug/l	100
4) Vinyl Chloride	2.247	62	72259	52.027	ug/l	98
5) Bromomethane	2.644	94	44711	48.252	ug/l	95
6) Chloroethane	2.784	64	47990	54.727	ug/l	95
7) Trichlorofluoromethane	3.113	101	71871	50.014	ug/l	97
8) Diethyl Ether	3.515	74	20726	47.935	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	40617	48.541	ug/l	90
10) Methyl Iodide	4.076	142	44219	53.801	ug/l	97
11) Tert butyl alcohol	4.948	59	16323	166.746	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	40218	48.900	ug/l	89
13) Acrolein	3.723	56	22315	283.163	ug/l	100
14) Allyl chloride	4.466	41	66735	55.404	ug/l	93
15) Acrylonitrile	5.155	53	49186	248.749	ug/l	97
16) Acetone	3.936	43	52425	306.793	ug/l	99
17) Carbon Disulfide	4.180	76	117900	48.868	ug/l	98
18) Methyl Acetate	4.466	43	19483	45.594	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	101171	51.041	ug/l	97
20) Methylene Chloride	4.704	84	48892	52.365	ug/l #	83
21) trans-1,2-Dichloroethene	5.204	96	45629	51.988	ug/l	94
22) Diisopropyl ether	6.106	45	141599	57.725	ug/l	93
23) Vinyl Acetate	6.052	43	445849	279.281	ug/l	94
24) 1,1-Dichloroethane	6.009	63	83483	54.564	ug/l	99
25) 2-Butanone	6.972	43	71152	271.800	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	68620	51.028	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	52505	51.428	ug/l	91
28) Bromochloromethane	7.326	49	43786	62.189	ug/l #	76
29) Tetrahydrofuran	7.338	42	42057	247.380	ug/l	87
30) Chloroform	7.496	83	81159	52.888	ug/l	99
31) Cyclohexane	7.777	56	74658	52.009	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	71342	53.080	ug/l	97
36) 1,1-Dichloropropene	7.911	75	64225	52.713	ug/l	96
37) Ethyl Acetate	7.070	43	30036	49.347	ug/l	98
38) Carbon Tetrachloride	7.893	117	60179	49.289	ug/l	98
39) Methylcyclohexane	9.179	83	84266	51.161	ug/l	93
40) Benzene	8.155	78	189460	51.898	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	16455	55.579	ug/l #	83
42) 1,2-Dichloroethane	8.228	62	46579	52.481	ug/l	97
43) Isopropyl Acetate	8.265	43	57803	50.789	ug/l	91
44) Trichloroethene	8.935	130	44922	49.655	ug/l	88
45) 1,2-Dichloropropane	9.210	63	44770	53.624	ug/l	98
46) Dibromomethane	9.301	93	23965	50.066	ug/l	90
47) Bromodichloromethane	9.496	83	61723	53.718	ug/l	96
48) Methyl methacrylate	9.289	41	25460	48.622	ug/l	86
49) 1,4-Dioxane	9.289	88	5750	914.747	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	149744	253.385	ug/l	93
52) Toluene	10.240	92	121131	53.948	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	55500	52.598	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	67077	51.629	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	30136	48.391	ug/l	88
56) Ethyl methacrylate	10.508	69	45318	51.712	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	56586	53.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	128586	273.239	ug/l	96
59) 2-Hexanone	10.831	43	110066	269.514	ug/l	92
60) Dibromochloromethane	10.984	129	39122	51.421	ug/l	99
61) 1,2-Dibromoethane	11.087	107	29340	50.031	ug/l	99
64) Tetrachloroethene	10.715	164	41514	47.890	ug/l	94
65) Chlorobenzene	11.514	112	124203	49.214	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	38956	47.737	ug/l	99
67) Ethyl Benzene	11.593	91	234222	50.989	ug/l	99
68) m/p-Xylenes	11.703	106	178948	103.456	ug/l	96
69) o-Xylene	12.026	106	83464	50.127	ug/l	96
70) Styrene	12.044	104	142719	52.461	ug/l	98
71) Bromoform	12.209	173	20073	46.692	ug/l #	97
73) Isopropylbenzene	12.331	105	223460	50.705	ug/l	98
74) N-amyl acetate	12.142	43	52961	49.370	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	35597	45.885	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	26664m	50.350	ug/l	
77) Bromobenzene	12.611	156	44255	47.295	ug/l	88
78) n-propylbenzene	12.672	91	277527	52.468	ug/l	97
79) 2-Chlorotoluene	12.758	91	149197	51.885	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	178546	52.017	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	11684	46.353	ug/l	92
82) 4-Chlorotoluene	12.855	91	153315	52.984	ug/l	97
83) tert-Butylbenzene	13.075	119	159972	50.401	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	180644	53.757	ug/l	97
85) sec-Butylbenzene	13.251	105	251527	53.810	ug/l	98
86) p-Isopropyltoluene	13.367	119	204183	54.123	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	93830	50.835	ug/l	97
88) 1,4-Dichlorobenzene	13.447	146	92458	50.988	ug/l	98
89) n-Butylbenzene	13.697	91	200848	56.025	ug/l	98
90) Hexachloroethane	13.965	117	36503	51.622	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	81467	50.721	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4981	42.193	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	41831	48.155	ug/l	97
94) Hexachlorobutadiene	15.111	225	22396	48.545	ug/l	98
95) Naphthalene	15.239	128	79015	45.291	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	33937	46.175	ug/l	97

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

