

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040822\
 Data File : VY008251.D
 Acq On : 08 Apr 2022 10:10
 Operator : KP/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 04/11/2022
 Supervised By :Semsettin Yesilyurt 04/11/2022

Quant Time: Apr 09 04:22:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	261549	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66681	45.420	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.840%		
35) Dibromofluoromethane	7.716	113	72860	48.230	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.460%		
50) Toluene-d8	10.179	98	256601	49.641	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.280%		
62) 4-Bromofluorobenzene	12.483	95	92488	47.570	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.140%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49965	38.603	ug/l	99
3) Chloromethane	2.113	50	65447	43.990	ug/l	93
4) Vinyl Chloride	2.253	62	88950	39.949	ug/l	98
5) Bromomethane	2.650	94	73917	42.015	ug/l	98
6) Chloroethane	2.796	64	63166	40.504	ug/l	97
7) Trichlorofluoromethane	3.131	101	106158	40.068	ug/l	93
8) Diethyl Ether	3.534	74	39751	41.516	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.899	101	70562	41.001	ug/l	92
10) Methyl Iodide	4.095	142	80415	42.203	ug/l	90
11) Tert butyl alcohol	4.954	59	33807	215.397	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	63322	41.076	ug/l #	79
13) Acrolein	3.729	56	28192	228.123	ug/l	98
14) Allyl chloride	4.479	41	85217	42.357	ug/l #	90
15) Acrylonitrile	5.161	53	100448	214.491	ug/l	97
16) Acetone	3.948	43	90962	257.599	ug/l #	82
17) Carbon Disulfide	4.198	76	165490	40.692	ug/l	99
18) Methyl Acetate	4.479	43	41114	47.875	ug/l #	80
19) Methyl tert-butyl Ether	5.216	73	206496	43.406	ug/l	93
20) Methylene Chloride	4.716	84	79187	41.060	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	76281	41.300	ug/l #	78
22) Diisopropyl ether	6.119	45	203612	42.896	ug/l #	91
23) Vinyl Acetate	6.058	43	684559	222.578	ug/l #	83
24) 1,1-Dichloroethane	6.015	63	129334	42.448	ug/l	96
25) 2-Butanone	6.978	43	126435	228.986	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	120245	42.855	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	93540	42.684	ug/l	80
28) Bromochloromethane	7.332	49	33184	28.414	ug/l #	64
29) Tetrahydrofuran	7.344	42	77486	217.360	ug/l #	72
30) Chloroform	7.502	83	143308	42.122	ug/l	97
31) Cyclohexane	7.783	56	104084	39.206	ug/l #	80
32) 1,1,1-Trichloroethane	7.704	97	124811	41.937	ug/l	93
36) 1,1-Dichloropropene	7.917	75	101744	42.177	ug/l	95
37) Ethyl Acetate	7.070	43	53776	43.233	ug/l #	90
38) Carbon Tetrachloride	7.905	117	112984	43.536	ug/l	96
39) Methylcyclohexane	9.185	83	131985	42.523	ug/l #	82
40) Benzene	8.161	78	307727	42.838	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	32744m	47.056	ug/l	
42) 1,2-Dichloroethane	8.234	62	89919	43.146	ug/l	89
43) Isopropyl Acetate	8.271	43	101378	43.915	ug/l #	84
44) Trichloroethene	8.941	130	88640	43.297	ug/l	97
45) 1,2-Dichloropropane	9.216	63	75283	42.900	ug/l	96
46) Dibromomethane	9.307	93	51619	44.443	ug/l	96
47) Bromodichloromethane	9.496	83	114621	43.882	ug/l	98
48) Methyl methacrylate	9.295	41	43109	43.929	ug/l #	71
49) 1,4-Dioxane	9.301	88	13777	919.171	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	270718	227.109	ug/l #	84
52) Toluene	10.246	92	203437	42.984	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	119751	44.985	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	132527	44.128	ug/l #	82
55) 1,1,2-Trichloroethane	10.648	97	72671	43.863	ug/l	97
56) Ethyl methacrylate	10.508	69	92339	45.459	ug/l #	73
57) 1,3-Dichloropropane	10.795	76	115444	43.391	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	178815	223.486	ug/l #	88
59) 2-Hexanone	10.831	43	191801	233.841	ug/l	78
60) Dibromochloromethane	10.990	129	86885	44.894	ug/l	99
61) 1,2-Dibromoethane	11.093	107	71507	44.144	ug/l	100
64) Tetrachloroethene	10.721	164	74316	43.454	ug/l	98
65) Chlorobenzene	11.520	112	230222	43.751	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	89546	45.603	ug/l	97
67) Ethyl Benzene	11.593	91	394361	44.069	ug/l	96
68) m/p-Xylenes	11.703	106	316893	89.041	ug/l	89
69) o-Xylene	12.032	106	154213	44.652	ug/l	88
70) Styrene	12.044	104	260858	45.798	ug/l	93
71) Bromoform	12.209	173	54678	46.195	ug/l #	100
73) Isopropylbenzene	12.331	105	399256	43.295	ug/l	99
74) N-amyl acetate	12.148	43	90503	45.204	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	86502	44.330	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	56469m	41.164	ug/l	
77) Bromobenzene	12.611	156	97482	43.138	ug/l	90
78) n-propylbenzene	12.672	91	468570	43.060	ug/l	97
79) 2-Chlorotoluene	12.758	91	261550	42.828	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	328450	43.436	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	28926	47.180	ug/l #	81
82) 4-Chlorotoluene	12.855	91	270827	43.154	ug/l	95
83) tert-Butylbenzene	13.081	119	305454	45.027	ug/l	90
84) 1,2,4-Trimethylbenzene	13.123	105	327401	43.750	ug/l	97
85) sec-Butylbenzene	13.258	105	439073	43.658	ug/l	99
86) p-Isopropyltoluene	13.373	119	370755	44.177	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	196127	43.823	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	194204	43.844	ug/l	99
89) n-Butylbenzene	13.703	91	332067	43.793	ug/l	98
90) Hexachloroethane	13.965	117	69179	44.102	ug/l	86
91) 1,2-Dichlorobenzene	13.745	146	175461	44.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12640	45.275	ug/l	71
93) 1,2,4-Trichlorobenzene	15.013	180	99401	42.207	ug/l	99
94) Hexachlorobutadiene	15.117	225	50163	41.956	ug/l	99
95) Naphthalene	15.239	128	218438	43.301	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	85818	41.641	ug/l	99

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

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