

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009134.D
 Acq On : 02 Jun 2022 17:58
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/03/2022
 Supervised By :Semsettin Yesilyurt 06/03/2022

Quant Time: Jun 03 03:13:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	111040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58113	50.851	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.700%			
35) Dibromofluoromethane	7.710	113	59829	52.170	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.340%			
50) Toluene-d8	10.179	98	192325	45.459	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 90.920%			
62) 4-Bromofluorobenzene	12.483	95	98010	57.429	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.860%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	46401	45.689	ug/l	99
3) Chloromethane	2.107	50	89007	61.175	ug/l	97
4) Vinyl Chloride	2.241	62	135591	62.902	ug/l	100
5) Bromomethane	2.631	94	116538	55.153	ug/l	99
6) Chloroethane	2.784	64	97733	63.999	ug/l	98
7) Trichlorofluoromethane	3.113	101	93616	51.140	ug/l	90
8) Diethyl Ether	3.521	74	28998	50.661	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.887	101	52183	46.382	ug/l	95
10) Methyl Iodide	4.082	142	49821	42.885	ug/l	92
11) Tert butyl alcohol	4.948	59	28642	247.089	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	49439	47.337	ug/l	89
13) Acrolein	3.716	56	4378	114.742	ug/l	95
14) Allyl chloride	4.472	41	74983	47.639	ug/l #	87
15) Acrylonitrile	5.149	53	82063	256.055	ug/l	98
16) Acetone	3.936	43	60278	253.393	ug/l #	88
17) Carbon Disulfide	4.186	76	151632	44.439	ug/l	98
18) Methyl Acetate	4.466	43	38025	51.332	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	157110	50.118	ug/l	97
20) Methylene Chloride	4.710	84	62327	46.303	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	61189	45.645	ug/l	86
22) Diisopropyl ether	6.112	45	182372	48.229	ug/l #	95
23) Vinyl Acetate	6.051	43	644481	257.657	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	106426	47.056	ug/l	98
25) 2-Butanone	6.978	43	110907	261.028	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	97723	46.905	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	70649	46.751	ug/l	89
28) Bromochloromethane	7.332	49	39068	50.326	ug/l #	95
29) Tetrahydrofuran	7.338	42	76813	266.143	ug/l #	87
30) Chloroform	7.502	83	113789	46.608	ug/l	100
31) Cyclohexane	7.777	56	92986	41.592	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	103080	46.538	ug/l	99
36) 1,1-Dichloropropene	7.911	75	89941	46.085	ug/l	99
37) Ethyl Acetate	7.063	43	51499	50.870	ug/l	97
38) Carbon Tetrachloride	7.892	117	92246	45.183	ug/l	97
39) Methylcyclohexane	9.179	83	108096	42.910	ug/l	90
40) Benzene	8.155	78	258618	45.954	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	29353m	56.187	ug/l	
42) 1,2-Dichloroethane	8.234	62	80510	48.719	ug/l	94
43) Isopropyl Acetate	8.270	43	102624	54.517	ug/l #	95
44) Trichloroethene	8.935	130	64946	43.584	ug/l	92
45) 1,2-Dichloropropane	9.209	63	65109	48.182	ug/l	97
46) Dibromomethane	9.301	93	41676	48.503	ug/l	92
47) Bromodichloromethane	9.496	83	93862	47.798	ug/l	96
48) Methyl methacrylate	9.289	41	44248	52.642	ug/l #	84
49) 1,4-Dioxane	9.295	88	11734	1021.578	ug/l	87
51) 4-Methyl-2-Pentanone	10.069	43	284157	272.759	ug/l	93
52) Toluene	10.240	92	175962	44.741	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	99757	47.838	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	107859	48.113	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	57568	47.889	ug/l	97
56) Ethyl methacrylate	10.508	69	76978	50.086	ug/l	91
57) 1,3-Dichloropropane	10.788	76	95081	48.487	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	173748	261.309	ug/l	95
59) 2-Hexanone	10.831	43	201120	281.963	ug/l	91
60) Dibromochloromethane	10.983	129	69567	47.739	ug/l	99
61) 1,2-Dibromoethane	11.087	107	55804	46.846	ug/l	99
64) Tetrachloroethene	10.715	164	58762	44.560	ug/l	97
65) Chlorobenzene	11.514	112	186675	44.891	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	70648	46.398	ug/l	96
67) Ethyl Benzene	11.593	91	350730	46.801	ug/l	98
68) m/p-Xylenes	11.703	106	292916	96.284	ug/l	93
69) o-Xylene	12.026	106	137267	48.589	ug/l	91
70) Styrene	12.044	104	246402	50.718	ug/l	94
71) Bromoform	12.209	173	49987	49.522	ug/l #	99
73) Isopropylbenzene	12.331	105	369023	40.969	ug/l	100
74) N-amyl acetate	12.142	43	107733	51.840	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	79540	42.868	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	58010m	44.844	ug/l	
77) Bromobenzene	12.605	156	83359	39.923	ug/l	99
78) n-propylbenzene	12.672	91	470098	45.173	ug/l	100
79) 2-Chlorotoluene	12.757	91	255127	42.502	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	331465	43.904	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	28233	44.796	ug/l	90
82) 4-Chlorotoluene	12.855	91	286053	44.554	ug/l	97
83) tert-Butylbenzene	13.074	119	287568	42.933	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	339452	45.293	ug/l	98
85) sec-Butylbenzene	13.251	105	456861	44.581	ug/l	99
86) p-Isopropyltoluene	13.367	119	387110	45.298	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	197262	44.289	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	198016	44.252	ug/l	98
89) n-Butylbenzene	13.696	91	358782	45.890	ug/l	99
90) Hexachloroethane	13.958	117	68293	42.643	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	177124	45.050	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12873	44.688	ug/l	86
93) 1,2,4-Trichlorobenzene	15.007	180	86339	40.013	ug/l	98
94) Hexachlorobutadiene	15.111	225	44558	37.888	ug/l	99
95) Naphthalene	15.239	128	186440	43.011	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	74792	39.887	ug/l	99

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

