

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009213.D
 Acq On : 16 Jun 2022 19:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/17/2022
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 17 02:28:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						06/17/2022
1) Pentafluorobenzene	7.783	168	184334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	281522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135302	50.000	ug/l	0.00
System Monitoring Compounds						06/17/2022
33) 1,2-Dichloroethane-d4	8.137	65	106631	55.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.760%	
35) Dibromofluoromethane	7.710	113	103622	52.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.720%	
50) Toluene-d8	10.173	98	383094	51.337	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.477	95	134780	50.826	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.660%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	60638	43.457	ug/l	100
3) Chloromethane	2.107	50	82353	47.637	ug/l	99
4) Vinyl Chloride	2.241	62	90106	49.655	ug/l	98
5) Bromomethane	2.638	94	62581	49.090	ug/l	98
6) Chloroethane	2.784	64	58722	51.714	ug/l	100
7) Trichlorofluoromethane	3.119	101	145273	50.117	ug/l	98
8) Diethyl Ether	3.522	74	58814	53.474	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	91920	51.574	ug/l	94
10) Methyl Iodide	4.076	142	119727	52.587	ug/l #	88
11) Tert butyl alcohol	4.942	59	76014	248.828	ug/l	99
12) 1,1-Dichloroethene	3.863	96	89600	51.081	ug/l	86
13) Acrolein	3.717	56	10425	190.254	ug/l	98
14) Allyl chloride	4.473	41	162642	51.382	ug/l	92
15) Acrylonitrile	5.155	53	169260	287.726	ug/l	98
16) Acetone	3.936	43	122277	252.097	ug/l	91
17) Carbon Disulfide	4.186	76	259813	51.164	ug/l	98
18) Methyl Acetate	4.466	43	78340	56.392	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	297807	56.271	ug/l	96
20) Methylene Chloride	4.704	84	119262	54.909	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	111918	54.453	ug/l	90
22) Diisopropyl ether	6.112	45	363826	55.744	ug/l	92
23) Vinyl Acetate	6.052	43	1222004	297.630	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	203180	55.093	ug/l	100
25) 2-Butanone	6.978	43	218836	285.118	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	168326	51.512	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	133942	55.567	ug/l	88
28) Bromochloromethane	7.326	49	90323	57.139	ug/l #	87
29) Tetrahydrofuran	7.344	42	150600	295.513	ug/l	91
30) Chloroform	7.503	83	209065	55.111	ug/l	100
31) Cyclohexane	7.777	56	180990	52.472	ug/l	96
32) 1,1,1-Trichloroethane	7.698	97	179785	53.900	ug/l	96
36) 1,1-Dichloropropene	7.911	75	157783	52.324	ug/l	98
37) Ethyl Acetate	7.070	43	100699	56.117	ug/l	96
38) Carbon Tetrachloride	7.893	117	162720	52.185	ug/l	93
39) Methylcyclohexane	9.179	83	194622	53.534	ug/l	90
40) Benzene	8.155	78	470453	53.425	ug/l	96

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41) Methacrylonitrile	7.301	41	44258	44.096	ug/l	#	58
42) 1,2-Dichloroethane	8.234	62	136508	53.154	ug/l		91
43) Isopropyl Acetate	8.265	43	184280	55.522	ug/l	#	93
44) Trichloroethene	8.935	130	131120	52.092	ug/l		99
45) 1,2-Dichloropropane	9.210	63	119695	53.624	ug/l		95
46) Dibromomethane	9.301	93	70892	55.213	ug/l		98
47) Bromodichloromethane	9.490	83	161881	52.898	ug/l		99
48) Methyl methacrylate	9.289	41	82260	55.528	ug/l	#	89
49) 1,4-Dioxane	9.289	88	20082	1099.524	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.069	43	474676	271.884	ug/l		91
52) Toluene	10.240	92	289919	51.563	ug/l		96
53) t-1,3-Dichloropropene	10.459	75	170164	53.010	ug/l		97
54) cis-1,3-Dichloropropene	9.923	75	192712	53.156	ug/l	#	88
55) 1,1,2-Trichloroethane	10.642	97	98232	54.063	ug/l		99
56) Ethyl methacrylate	10.508	69	138179	56.097	ug/l	#	81
57) 1,3-Dichloropropane	10.788	76	167660	54.014	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.776	63	279761	262.018	ug/l		96
59) 2-Hexanone	10.831	43	325067	271.408	ug/l		89
60) Dibromochloromethane	10.984	129	118877	53.438	ug/l		99
61) 1,2-Dibromoethane	11.087	107	96166	54.304	ug/l		100
64) Tetrachloroethene	10.715	164	136913	52.495	ug/l		98
65) Chlorobenzene	11.514	112	313006	51.325	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.587	131	117358	52.547	ug/l		98
67) Ethyl Benzene	11.587	91	551803	51.853	ug/l		99
68) m/p-Xylenes	11.697	106	426536	101.666	ug/l		93
69) o-Xylene	12.026	106	203425	51.174	ug/l		94
70) Styrene	12.038	104	347700	52.141	ug/l		96
71) Bromoform	12.203	173	76324	53.504	ug/l	#	98
73) Isopropylbenzene	12.325	105	538681	52.898	ug/l		99
74) N-amyl acetate	12.142	43	152000	53.510	ug/l	#	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	104723	51.959	ug/l		99
76) 1,2,3-Trichloropropane	12.630	75	78049m	52.243	ug/l		
77) Bromobenzene	12.605	156	129335	51.695	ug/l		95
78) n-propylbenzene	12.666	91	641372	52.053	ug/l		98
79) 2-Chlorotoluene	12.752	91	365184	52.603	ug/l		96
80) 1,3,5-Trimethylbenzene	12.813	105	451093	52.998	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.374	75	39765	53.045	ug/l		87
82) 4-Chlorotoluene	12.849	91	380120	52.476	ug/l		98
83) tert-Butylbenzene	13.075	119	399023	53.322	ug/l		95
84) 1,2,4-Trimethylbenzene	13.117	105	477381	57.142	ug/l		98
85) sec-Butylbenzene	13.251	105	587195	52.991	ug/l		98
86) p-Isopropyltoluene	13.367	119	487161	52.979	ug/l		98
87) 1,3-Dichlorobenzene	13.361	146	249404	51.685	ug/l		99
88) 1,4-Dichlorobenzene	13.447	146	254223	51.900	ug/l		98
89) n-Butylbenzene	13.697	91	450104	51.763	ug/l		98
90) Hexachloroethane	13.959	117	91205	52.601	ug/l		90
91) 1,2-Dichlorobenzene	13.733	146	230809	52.895	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13852	38.090	ug/l		72
93) 1,2,4-Trichlorobenzene	15.007	180	124156	45.254	ug/l		99
94) Hexachlorobutadiene	15.111	225	81714	54.190	ug/l		98
95) Naphthalene	15.233	128	324510	56.709	ug/l		98
96) 1,2,3-Trichlorobenzene	15.422	180	140361	58.130	ug/l		98

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

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 Supervised By :Mahesh
 Dadoda

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