

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007988.D
 Acq On : 22 Mar 2022 05:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 22 06:57:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

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 Dadoda
 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	03/22/2022
Internal Standards							03/22/2022
1) Pentafluorobenzene	7.789	168	188825	50.000	ug/l	0.00	Supervised By :Mahesh
34) 1,4-Difluorobenzene	8.691	114	362009	50.000	ug/l	0.00	Padoda
63) Chlorobenzene-d5	11.490	117	331291	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.428	152	163540	50.000	ug/l	0.00	
System Monitoring Compounds							03/22/2022
33) 1,2-Dichloroethane-d4	8.143	65	125247	58.174	ug/l	0.00	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.340%	
35) Dibromofluoromethane	7.716	113	126773	49.864	ug/l	0.00	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%	
50) Toluene-d8	10.179	98	420770	55.462	ug/l	0.00	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.920%	
62) 4-Bromofluorobenzene	12.483	95	169944	46.576	ug/l	0.00	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.160%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	1.906	85	55511	44.643	ug/l	97	
3) Chloromethane	2.113	50	90180	60.519	ug/l	96	
4) Vinyl Chloride	2.253	62	112500	59.619	ug/l	96	
5) Bromomethane	2.650	94	98958	81.658	ug/l	100	
6) Chloroethane	2.796	64	84356	54.628	ug/l	99	
7) Trichlorofluoromethane	3.125	101	159605	46.101	ug/l	90	
8) Diethyl Ether	3.528	74	71626	55.745	ug/l	82	
9) 1,1,2-Trichlorotrifluo...	3.899	101	104623	46.787	ug/l	91	
10) Methyl Iodide	4.095	142	93650	45.307	ug/l	93	
11) Tert butyl alcohol	4.960	59	84382	336.430	ug/l #	95	
12) 1,1-Dichloroethene	3.875	96	93811	45.753	ug/l	87	
13) Acrolein	3.729	56	16655	110.249	ug/l	99	
14) Allyl chloride	4.479	41	167764	48.645	ug/l #	95	
15) Acrylonitrile	5.161	53	225467	329.269	ug/l	96	
16) Acetone	3.948	43	164216	287.520	ug/l	92	
17) Carbon Disulfide	4.198	76	201350	51.687	ug/l	99	
18) Methyl Acetate	4.479	43	96405	73.653	ug/l #	91	
19) Methyl tert-butyl Ether	5.222	73	399406	62.101	ug/l	98	
20) Methylene Chloride	4.716	84	141558	65.308	ug/l	86	
21) trans-1,2-Dichloroethene	5.222	96	115411	50.278	ug/l	93	
22) Diisopropyl ether	6.125	45	454505	61.258	ug/l	91	
23) Vinyl Acetate	6.058	43	1516091	326.244	ug/l #	92	
24) 1,1-Dichloroethane	6.021	63	242940	58.132	ug/l	98	
25) 2-Butanone	6.984	43	282946	309.282	ug/l #	86	
26) 2,2-Dichloropropane	6.984	77	182339	47.075	ug/l	94	
27) cis-1,2-Dichloroethene	6.984	96	156955	56.967	ug/l	87	
28) Bromochloromethane	7.338	49	102002	61.794	ug/l	92	
29) Tetrahydrofuran	7.344	42	188691	321.898	ug/l #	87	
30) Chloroform	7.509	83	260152	60.226	ug/l	100	
31) Cyclohexane	7.783	56	167826	53.994	ug/l	93	
32) 1,1,1-Trichloroethane	7.704	97	215696	55.441	ug/l	96	
36) 1,1-Dichloropropene	7.917	75	165053	43.771	ug/l	98	
37) Ethyl Acetate	7.076	43	126685	55.060	ug/l #	95	
38) Carbon Tetrachloride	7.905	117	179290	44.496	ug/l	97	
39) Methylcyclohexane	9.185	83	193913	46.183	ug/l	91	
40) Benzene	8.161	78	526928	47.819	ug/l	98	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	67227m	47.377	ug/l	
42) 1,2-Dichloroethane	8.234	62	169596	53.158	ug/l	
43) Isopropyl Acetate	8.271	43	243356	54.863	ug/l #	92
44) Trichloroethene	8.941	130	135853	44.586	ug/l	94
45) 1,2-Dichloropropane	9.216	63	146331	51.286	ug/l	99
46) Dibromomethane	9.307	93	87305	52.306	ug/l	91
47) Bromodichloromethane	9.496	83	210998	52.327	ug/l	97
48) Methyl methacrylate	9.295	41	103896	52.654	ug/l #	85
49) 1,4-Dioxane	9.295	88	28017	1185.212	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	658657	281.834	ug/l	90
52) Toluene	10.246	92	339807	48.018	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	212947	49.504	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	233532	48.684	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	129233	53.293	ug/l	98
56) Ethyl methacrylate	10.508	69	186825	53.665	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	214869	53.134	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	453621	265.618	ug/l	96
59) 2-Hexanone	10.831	43	455402	272.494	ug/l	87
60) Dibromochloromethane	10.984	129	150507	51.822	ug/l	100
61) 1,2-Dibromoethane	11.087	107	122821	52.354	ug/l	99
64) Tetrachloroethene	10.721	164	107092	41.541	ug/l	94
65) Chlorobenzene	11.514	112	383608	48.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	151387	50.665	ug/l	97
67) Ethyl Benzene	11.593	91	666748	47.164	ug/l	97
68) m/p-Xylenes	11.703	106	520764	94.436	ug/l	92
69) o-Xylene	12.032	106	256588	48.104	ug/l	93
70) Styrene	12.044	104	445557	49.683	ug/l	96
71) Bromoform	12.209	173	94820	49.544	ug/l #	98
73) Isopropylbenzene	12.331	105	668991	46.474	ug/l	100
74) N-amyl acetate	12.142	43	218483	51.444	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	167431	54.034	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	122107m	52.384	ug/l	
77) Bromobenzene	12.611	156	155243	47.194	ug/l	96
78) n-propylbenzene	12.672	91	798664	45.946	ug/l	99
79) 2-Chlorotoluene	12.758	91	463816	47.426	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	554331	46.826	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	52413	47.228	ug/l #	83
82) 4-Chlorotoluene	12.855	91	478808	47.129	ug/l	99
83) tert-Butylbenzene	13.075	119	502020	47.390	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	550688	47.454	ug/l	98
85) sec-Butylbenzene	13.251	105	741034	46.676	ug/l	100
86) p-Isopropyltoluene	13.367	119	598349	46.425	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	309850	48.230	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	310059	48.154	ug/l	98
89) n-Butylbenzene	13.697	91	555877	44.942	ug/l	99
90) Hexachloroethane	13.965	117	124771	48.501	ug/l	78
91) 1,2-Dichlorobenzene	13.739	146	288915	49.996	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	26440	49.598	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	152503	41.747	ug/l	98
94) Hexachlorobutadiene	15.111	225	74895	38.430	ug/l	100
95) Naphthalene	15.239	128	409278	50.217	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	139690	43.356	ug/l	98

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

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

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Supervised By :Mahesh
Dadoda

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