

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009498.D
 Acq On : 08 Jul 2022 21:16
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 02:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	153743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	237768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	223214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142203	50.000	ug/l	0.00

07/11/2022
 Supervised By :Mahesh
 Dadoda

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	46630	42.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.040%
35) Dibromofluoromethane	7.710	113	54997	43.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.920%
50) Toluene-d8	10.173	98	150275	42.610	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	85.220%
62) 4-Bromofluorobenzene	12.477	95	80301	45.471	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	90.940%

07/11/2022

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	85429	72.459	ug/l	99
3) Chloromethane	2.107	50	83671	63.550	ug/l	93
4) Vinyl Chloride	2.241	62	90386	60.297	ug/l	99
5) Bromomethane	2.638	94	63029	58.526	ug/l	95
6) Chloroethane	2.784	64	53546	61.183	ug/l	99
7) Trichlorofluoromethane	3.113	101	115386	57.654	ug/l	91
8) Diethyl Ether	3.522	74	38551	50.348	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.893	101	66081	48.732	ug/l	90
10) Methyl Iodide	4.082	142	96368	52.648	ug/l	91
11) Tert butyl alcohol	4.948	59	33473	159.760	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	65265	51.892	ug/l #	78
13) Acrolein	3.723	56	19962	174.514	ug/l	99
14) Allyl chloride	4.466	41	90539	41.840	ug/l #	91
15) Acrylonitrile	5.149	53	91002	215.995	ug/l	98
16) Acetone	3.942	43	69231	185.108	ug/l	90
17) Carbon Disulfide	4.186	76	191380	46.162	ug/l	98
18) Methyl Acetate	4.466	43	54688	49.802	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	186607	49.021	ug/l	91
20) Methylene Chloride	4.704	84	77524	43.129	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	74969	50.872	ug/l #	82
22) Diisopropyl ether	6.113	45	199261	43.313	ug/l #	93
23) Vinyl Acetate	6.052	43	635963	198.642	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	120252	46.352	ug/l	98
25) 2-Butanone	6.978	43	114349	189.001	ug/l #	83
26) 2,2-Dichloropropane	6.972	77	91466	35.771	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	87280	50.307	ug/l	80
28) Bromochloromethane	7.326	49	46066	42.247	ug/l #	67
29) Tetrahydrofuran	7.338	42	77513	198.079	ug/l #	83
30) Chloroform	7.496	83	135617	47.763	ug/l	98
31) Cyclohexane	7.777	56	100278	39.756	ug/l #	84
32) 1,1,1-Trichloroethane	7.691	97	124374	49.683	ug/l	95
36) 1,1-Dichloropropene	7.911	75	96800	47.526	ug/l	96
37) Ethyl Acetate	7.070	43	51980	40.714	ug/l #	93
38) Carbon Tetrachloride	7.893	117	114749	52.678	ug/l	97
39) Methylcyclohexane	9.173	83	118790	48.588	ug/l #	86
40) Benzene	8.155	78	286634	47.925	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	28899m	43.591	ug/l	92
42) 1,2-Dichloroethane	8.228	62	90205	50.237	ug/l	92
43) Isopropyl Acetate	8.265	43	100979	42.390	ug/l #	90
44) Trichloroethene	8.935	130	92060	54.487	ug/l	88
45) 1,2-Dichloropropane	9.210	63	68430	45.210	ug/l	96
46) Dibromomethane	9.301	93	47114	53.034	ug/l	96
47) Bromodichloromethane	9.490	83	108012	51.082	ug/l	99
48) Methyl methacrylate	9.289	41	45521	44.352	ug/l #	79
49) 1,4-Dioxane	9.289	88	12345	943.612	ug/l	87
51) 4-Methyl-2-Pentanone	10.063	43	279181	222.852	ug/l	93
52) Toluene	10.240	92	189710	49.776	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	105978	47.561	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	114726	46.174	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	62577	48.828	ug/l	97
56) Ethyl methacrylate	10.508	69	83822	49.264	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	105116	49.754	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	194911	234.496	ug/l #	88
59) 2-Hexanone	10.825	43	196025	225.814	ug/l	92
60) Dibromochloromethane	10.977	129	84867	54.684	ug/l	100
61) 1,2-Dibromoethane	11.087	107	65410	53.238	ug/l	98
64) Tetrachloroethene	10.715	164	103536	55.478	ug/l	98
65) Chlorobenzene	11.514	112	217161	49.536	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	86294	52.329	ug/l	99
67) Ethyl Benzene	11.587	91	361275	47.205	ug/l	96
68) m/p-Xylenes	11.697	106	294727	98.741	ug/l	89
69) o-Xylene	12.026	106	143866	50.285	ug/l	88
70) Styrene	12.038	104	242898	50.829	ug/l	96
71) Bromoform	12.203	173	59145	56.272	ug/l #	99
73) Isopropylbenzene	12.325	105	370299	38.076	ug/l	97
74) N-amyl acetate	12.136	43	94411	34.120	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	70466	36.187	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	59571m	39.573	ug/l	
77) Bromobenzene	12.605	156	97684	41.259	ug/l	88
78) n-propylbenzene	12.666	91	469941	39.997	ug/l	97
79) 2-Chlorotoluene	12.752	91	288657	43.883	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	378313	46.539	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	23283	31.655	ug/l	90
82) 4-Chlorotoluene	12.849	91	346417	50.252	ug/l	97
83) tert-Butylbenzene	13.069	119	375051	51.859	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	416051	51.420	ug/l	96
85) sec-Butylbenzene	13.245	105	530039	49.764	ug/l	98
86) p-Isopropyltoluene	13.367	119	439988	49.558	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	233419	49.946	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	236634	50.028	ug/l	98
89) n-Butylbenzene	13.690	91	400806	48.344	ug/l	97
90) Hexachloroethane	13.959	117	87195	50.055	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	218337	50.991	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.349	75	18383	53.861	ug/l	73
93) 1,2,4-Trichlorobenzene	15.001	180	132081	50.577	ug/l	98
94) Hexachlorobutadiene	15.105	225	71749	49.973	ug/l	99
95) Naphthalene	15.233	128	310271	57.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.416	180	119973	53.041	ug/l	99

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

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Supervised By :Mahesh
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07/11/2022

