

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100722\
 Data File : VY010883.D
 Acq On : 07 Oct 2022 19:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 08 04:48:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/10/2022
 Supervised By :Mahesh Dadoda 10/10/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	210226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	342415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	320441	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	128014	60.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.140%			
35) Dibromofluoromethane	7.710	113	117340	51.624	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.240%			
50) Toluene-d8	10.179	98	458379	58.968	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.940%			
62) 4-Bromofluorobenzene	12.477	95	155232	51.204	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.400%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	72015	49.447	ug/l	100
3) Chloromethane	2.107	50	122993	50.773	ug/l	95
4) Vinyl Chloride	2.247	62	136994	46.965	ug/l	100
5) Bromomethane	2.644	94	93129	44.995	ug/l	99
6) Chloroethane	2.784	64	93724	48.214	ug/l	98
7) Trichlorofluoromethane	3.119	101	183815	51.746	ug/l	96
8) Diethyl Ether	3.522	74	69055	60.427	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	108877	53.461	ug/l	92
10) Methyl Iodide	4.088	142	140881	51.748	ug/l	92
11) Tert butyl alcohol	4.942	59	68441	379.932	ug/l	97
12) 1,1-Dichloroethene	3.863	96	105058	52.858	ug/l	91
13) Acrolein	3.723	56	29142	195.186	ug/l	99
14) Allyl chloride	4.473	41	177169	59.547	ug/l #	90
15) Acrylonitrile	5.155	53	194316	349.029	ug/l	98
16) Acetone	3.942	43	146466	270.635	ug/l	90
17) Carbon Disulfide	4.186	76	341067	53.100	ug/l	100
18) Methyl Acetate	4.473	43	95196	68.861	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	313157	60.188	ug/l	99
20) Methylene Chloride	4.704	84	155936	67.584	ug/l	88
21) trans-1,2-Dichloroethene	5.210	96	125588	54.112	ug/l	91
22) Diisopropyl ether	6.112	45	399499	61.224	ug/l	94
23) Vinyl Acetate	6.052	43	1290819	326.575	ug/l	95
24) 1,1-Dichloroethane	6.009	63	231140	58.168	ug/l	99
25) 2-Butanone	6.978	43	245160	315.086	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	185271	49.119	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	145535	56.504	ug/l	90
28) Bromochloromethane	7.326	49	94172	62.688	ug/l	92
29) Tetrahydrofuran	7.344	42	164247	358.970	ug/l	89
30) Chloroform	7.503	83	236329	57.629	ug/l	99
31) Cyclohexane	7.777	56	194228	50.922	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	198968	53.859	ug/l	97
36) 1,1-Dichloropropene	7.911	75	174230	53.098	ug/l	98
37) Ethyl Acetate	7.070	43	111095	68.995	ug/l	95
38) Carbon Tetrachloride	7.893	117	179576	52.544	ug/l	99
39) Methylcyclohexane	9.179	83	205192	50.910	ug/l	93
40) Benzene	8.155	78	526359	55.686	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	53970m	56.851	ug/l	
42) 1,2-Dichloroethane	8.234	62	155327	58.126	ug/l	93
43) Isopropyl Acetate	8.271	43	188323	64.620	ug/l #	91
44) Trichloroethene	8.935	130	135425	52.915	ug/l	94
45) 1,2-Dichloropropane	9.210	63	135717	59.560	ug/l	97
46) Dibromomethane	9.301	93	77540	59.492	ug/l	94
47) Bromodichloromethane	9.490	83	183923	58.473	ug/l	99
48) Methyl methacrylate	9.289	41	87083	63.620	ug/l #	85
49) 1,4-Dioxane	9.289	88	22832	1423.046	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	558247	350.124	ug/l	91
52) Toluene	10.240	92	326867	54.336	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	187913	57.703	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	213764	57.321	ug/l #	85
55) 1,1,2-Trichloroethane	10.642	97	109364	59.800	ug/l	98
56) Ethyl methacrylate	10.508	69	151413	64.436	ug/l #	81
57) 1,3-Dichloropropane	10.789	76	191224	61.499	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	369320	299.920	ug/l	98
59) 2-Hexanone	10.831	43	385919	349.473	ug/l	89
60) Dibromochloromethane	10.984	129	128789	58.734	ug/l	99
61) 1,2-Dibromoethane	11.087	107	104739	60.064	ug/l	100
64) Tetrachloroethene	10.715	164	132712	52.234	ug/l	96
65) Chlorobenzene	11.514	112	350407	52.805	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	130813	53.932	ug/l	97
67) Ethyl Benzene	11.587	91	626241	52.439	ug/l	99
68) m/p-Xylenes	11.697	106	482462	103.228	ug/l	96
69) o-Xylene	12.026	106	230194	52.680	ug/l	95
70) Styrene	12.044	104	399256	54.214	ug/l	95
71) Bromoform	12.203	173	82753	57.317	ug/l #	100
73) Isopropylbenzene	12.325	105	597574	50.616	ug/l	100
74) N-amyl acetate	12.142	43	166877	61.503	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	129912	58.897	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	96389m	59.269	ug/l	
77) Bromobenzene	12.605	156	142518	52.622	ug/l	99
78) n-propylbenzene	12.666	91	736742	51.239	ug/l	100
79) 2-Chlorotoluene	12.752	91	414083	51.476	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	506784	50.752	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	44999	57.799	ug/l	87
82) 4-Chlorotoluene	12.849	91	424885	50.512	ug/l	99
83) tert-Butylbenzene	13.075	119	434232	51.008	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	504122	51.350	ug/l	99
85) sec-Butylbenzene	13.251	105	645703	50.389	ug/l	99
86) p-Isopropyltoluene	13.367	119	544743	50.669	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	280820	51.086	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	277459	50.974	ug/l	99
89) n-Butylbenzene	13.697	91	506857	51.232	ug/l	99
90) Hexachloroethane	13.959	117	105595	51.349	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	254941	53.210	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21936	61.846	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	148889	52.962	ug/l	99
94) Hexachlorobutadiene	15.111	225	82807	47.773	ug/l	99
95) Naphthalene	15.233	128	334828	62.492	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	132795	55.413	ug/l	99

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

