

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010100.D
 Acq On : 19 Aug 2022 13:18
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY081922

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Quant Time: Aug 22 02:38:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	297770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	457063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	415597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	210156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112995	46.328	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.660%		
35) Dibromofluoromethane	7.710	113	125068	48.561	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.120%		
50) Toluene-d8	10.173	98	451205	46.755	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.500%		
62) 4-Bromofluorobenzene	12.477	95	169229	49.080	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	111152	50.084	ug/l	97
3) Chloromethane	2.107	50	118191	47.333	ug/l	97
4) Vinyl Chloride	2.241	62	131031	48.172	ug/l	98
5) Bromomethane	2.637	94	99079	48.116	ug/l	98
6) Chloroethane	2.784	64	83312	47.992	ug/l	98
7) Trichlorofluoromethane	3.113	101	225521	48.924	ug/l	98
8) Diethyl Ether	3.521	74	77443	49.221	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	142538	49.811	ug/l	99
10) Methyl Iodide	4.076	142	173046	48.960	ug/l	99
11) Tert butyl alcohol	4.948	59	69859	275.190	ug/l	96
12) 1,1-Dichloroethene	3.863	96	135425	49.334	ug/l	96
13) Acrolein	3.723	56	29817	241.470	ug/l	98
14) Allyl chloride	4.466	41	204004	50.248	ug/l	99
15) Acrylonitrile	5.149	53	192643	254.703	ug/l	99
16) Acetone	3.936	43	167027	273.617	ug/l	98
17) Carbon Disulfide	4.180	76	424198	48.694	ug/l	98
18) Methyl Acetate	4.466	43	92653	49.540	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	352604	51.837	ug/l	98
20) Methylene Chloride	4.704	84	177350	51.170	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	155489	49.957	ug/l	99
22) Diisopropyl ether	6.106	45	430012	50.424	ug/l	96
23) Vinyl Acetate	6.051	43	1363604	263.481	ug/l	100
24) 1,1-Dichloroethane	6.003	63	251024	48.847	ug/l	100
25) 2-Butanone	6.978	43	255262	259.957	ug/l	100
26) 2,2-Dichloropropane	6.972	77	232255	50.505	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	172232	50.016	ug/l	97
28) Bromochloromethane	7.326	49	90811	52.002	ug/l	99
29) Tetrahydrofuran	7.338	42	163260	259.988	ug/l	99
30) Chloroform	7.496	83	264026	49.130	ug/l	99
31) Cyclohexane	7.777	56	242452	48.518	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	233844	49.912	ug/l	99
36) 1,1-Dichloropropene	7.911	75	207295	50.425	ug/l	100
37) Ethyl Acetate	7.063	43	110659	53.020	ug/l	100
38) Carbon Tetrachloride	7.893	117	215466	49.976	ug/l	98
39) Methylcyclohexane	9.179	83	266796	52.629	ug/l	98
40) Benzene	8.155	78	608113	50.291	ug/l	98

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41) Methacrylonitrile	7.313	41	58699m	49.062	ug/l	
42) 1,2-Dichloroethane	8.228	62	155766	50.227	ug/l	99
43) Isopropyl Acetate	8.264	43	197474	52.410	ug/l	100
44) Trichloroethene	8.935	130	172832	49.863	ug/l	100
45) 1,2-Dichloropropane	9.209	63	148131	50.904	ug/l	100
46) Dibromomethane	9.301	93	84930	49.885	ug/l	99
47) Bromodichloromethane	9.490	83	200196	50.525	ug/l	99
48) Methyl methacrylate	9.289	41	91500	54.276	ug/l	98
49) 1,4-Dioxane	9.289	88	20146	1021.646	ug/l	99
51) 4-Methyl-2-Pentanone	10.069	43	540456	265.117	ug/l	99
52) Toluene	10.240	92	386674	50.437	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	208948	51.598	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	240090	50.826	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	122623	50.014	ug/l	97
56) Ethyl methacrylate	10.508	69	166547	53.861	ug/l	99
57) 1,3-Dichloropropane	10.788	76	205359	50.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	283744	230.054	ug/l	100
59) 2-Hexanone	10.831	43	386391	276.427	ug/l	100
60) Dibromochloromethane	10.983	129	149552	50.050	ug/l	99
61) 1,2-Dibromoethane	11.087	107	121736	51.018	ug/l	99
64) Tetrachloroethene	10.715	164	165011	49.190	ug/l	98
65) Chlorobenzene	11.514	112	418209	50.033	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	154897	50.132	ug/l	99
67) Ethyl Benzene	11.587	91	750411	51.520	ug/l	99
68) m/p-Xylenes	11.697	106	585729	103.115	ug/l	100
69) o-Xylene	12.026	106	275010	51.996	ug/l	100
70) Styrene	12.038	104	469248	51.992	ug/l	100
71) Bromoform	12.203	173	97303	51.158	ug/l	99
73) Isopropylbenzene	12.325	105	735814	52.045	ug/l	100
74) N-amyl acetate	12.142	43	183990	53.987	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	144055	50.938	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	100711m	51.170	ug/l	
77) Bromobenzene	12.605	156	174392	50.709	ug/l	99
78) n-propylbenzene	12.666	91	901075	51.908	ug/l	99
79) 2-Chlorotoluene	12.751	91	502261	51.364	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	618993	52.329	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	51421	52.475	ug/l	98
82) 4-Chlorotoluene	12.855	91	516155	50.919	ug/l	100
83) tert-Butylbenzene	13.075	119	541395	52.499	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	607622	51.865	ug/l	100
85) sec-Butylbenzene	13.251	105	816754	52.237	ug/l	100
86) p-Isopropyltoluene	13.367	119	677453	52.563	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	347312	50.153	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	344049	49.618	ug/l	100
89) n-Butylbenzene	13.696	91	638658	52.648	ug/l	99
90) Hexachloroethane	13.959	117	131084	49.883	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	309853	50.407	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	23166	53.579	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	195410	53.617	ug/l	100
94) Hexachlorobutadiene	15.111	225	112464	51.978	ug/l	99
95) Naphthalene	15.233	128	397357	50.296	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	171072	53.863	ug/l	100

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

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