

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010096.D
 Acq On : 19 Aug 2022 11:34
 Operator : KP/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Aug 21 23:45:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Sun Aug 21 23:41:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	288290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	441052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	402647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	203574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121036	50.723	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.440%			
35) Dibromofluoromethane	7.710	113	133767	53.821	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.640%			
50) Toluene-d8	10.173	98	494704	52.831	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.477	95	180440	54.278	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	106201	48.982	ug/l	100
3) Chloromethane	2.107	50	116123	47.650	ug/l	100
4) Vinyl Chloride	2.241	62	129873	49.137	ug/l	100
5) Bromomethane	2.637	94	91309	44.999	ug/l	100
6) Chloroethane	2.784	64	82274	48.654	ug/l	100
7) Trichlorofluoromethane	3.113	101	219042	48.798	ug/l	100
8) Diethyl Ether	3.521	74	74866	49.060	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.887	101	136862	49.095	ug/l	100
10) Methyl Iodide	4.082	142	181737	53.891	ug/l	100
11) Tert butyl alcohol	4.948	59	56411	216.643	ug/l	100
12) 1,1-Dichloroethene	3.863	96	132187	49.686	ug/l	100
13) Acrolein	3.722	56	27715	193.705	ug/l	100
14) Allyl chloride	4.466	41	195457	49.932	ug/l	100
15) Acrylonitrile	5.149	53	180675	247.938	ug/l	100
16) Acetone	3.936	43	131577	222.089	ug/l	100
17) Carbon Disulfide	4.180	76	413202	48.700	ug/l	100
18) Methyl Acetate	4.466	43	86561	47.639	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	336048	51.508	ug/l	100
20) Methylene Chloride	4.704	84	171548	35.278	ug/l	100
21) trans-1,2-Dichloroethene	5.210	96	148571	49.248	ug/l	100
22) Diisopropyl ether	6.112	45	419514	51.028	ug/l	100
23) Vinyl Acetate	6.051	43	1294618	261.902	ug/l	100
24) 1,1-Dichloroethane	6.009	63	242428	48.598	ug/l	100
25) 2-Butanone	6.978	43	225546	236.860	ug/l	100
26) 2,2-Dichloropropane	6.972	77	211274	47.152	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	165614	49.655	ug/l	100
28) Bromochloromethane	7.325	49	87826	52.100	ug/l	100
29) Tetrahydrofuran	7.338	42	154588	256.548	ug/l	100
30) Chloroform	7.496	83	255519	48.904	ug/l	100
31) Cyclohexane	7.777	56	234655	48.085	ug/l	100
32) 1,1,1-Trichloroethane	7.691	97	224478	49.446	ug/l	100
36) 1,1-Dichloropropene	7.911	75	200795	50.720	ug/l	100
37) Ethyl Acetate	7.069	43	102908	51.464	ug/l	100
38) Carbon Tetrachloride	7.892	117	210341	50.558	ug/l	100
39) Methylcyclohexane	9.179	83	255958	52.825	ug/l	100
40) Benzene	8.155	78	583214	49.977	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	63024m	26.876	ug/l	
42) 1,2-Dichloroethane	8.228	62	149917	50.036	ug/l	100
43) Isopropyl Acetate	8.264	43	186305	51.812	ug/l	100
44) Trichloroethene	8.935	130	166693	49.781	ug/l	100
45) 1,2-Dichloropropane	9.209	63	142262	50.759	ug/l	100
46) Dibromomethane	9.301	93	82464	50.274	ug/l	100
47) Bromodichloromethane	9.490	83	193067	50.541	ug/l	100
48) Methyl methacrylate	9.289	41	87538	54.769	ug/l	100
49) 1,4-Dioxane	9.295	88	19252	1028.037	ug/l	100
51) 4-Methyl-2-Pentanone	10.069	43	518697	266.872	ug/l	100
52) Toluene	10.240	92	372573	50.445	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	197581	51.098	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	228156	50.325	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	118611	50.162	ug/l	100
56) Ethyl methacrylate	10.508	69	157219	53.760	ug/l	100
57) 1,3-Dichloropropane	10.788	76	196632	50.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	273303	225.954	ug/l	100
59) 2-Hexanone	10.831	43	362655	273.574	ug/l	100
60) Dibromochloromethane	10.983	129	143544	49.888	ug/l	100
61) 1,2-Dibromoethane	11.087	107	115898	50.473	ug/l	100
64) Tetrachloroethene	10.715	164	164422	50.471	ug/l	100
65) Chlorobenzene	11.514	112	402849	49.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	150172	50.224	ug/l	100
67) Ethyl Benzene	11.587	91	722199	51.468	ug/l	100
68) m/p-Xylenes	11.697	106	565726	103.189	ug/l	100
69) o-Xylene	12.026	106	265497	52.297	ug/l	100
70) Styrene	12.044	104	457221	52.770	ug/l	100
71) Bromoform	12.203	173	93871	51.178	ug/l #	100
73) Isopropylbenzene	12.325	105	711068	52.329	ug/l	100
74) N-amyl acetate	12.142	43	176897	54.641	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.581	83	138621	50.588	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	94737m	30.221	ug/l	
77) Bromobenzene	12.605	156	167552	50.384	ug/l	100
78) n-propylbenzene	12.666	91	878252	52.523	ug/l	100
79) 2-Chlorotoluene	12.751	91	481139	50.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	592206	51.998	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	49289	52.631	ug/l	100
82) 4-Chlorotoluene	12.849	91	501020	51.091	ug/l	100
83) tert-Butylbenzene	13.074	119	518738	52.391	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	589747	52.230	ug/l	100
85) sec-Butylbenzene	13.251	105	788715	52.348	ug/l	100
86) p-Isopropyltoluene	13.367	119	652639	52.684	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	334509	49.809	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	331867	49.155	ug/l	100
89) n-Butylbenzene	13.696	91	612698	52.571	ug/l	100
90) Hexachloroethane	13.958	117	127571	49.920	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	297765	49.881	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21481	51.473	ug/l	100
93) 1,2,4-Trichlorobenzene	15.007	180	180502	51.647	ug/l	100
94) Hexachlorobutadiene	15.111	225	106217	50.604	ug/l	100
95) Naphthalene	15.233	128	365157	54.760	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	157986	51.955	ug/l	100

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

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