

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080822\
 Data File : VY009880.D
 Acq On : 08 Aug 2022 17:24
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/09/2022
 Supervised By :Mahesh Dadoda 08/09/2022

Quant Time: Aug 08 17:44:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 08 17:35:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	75030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	126130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	113570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81039	123.257	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 246.520%#			
35) Dibromofluoromethane	7.710	113	89792	132.365	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 264.740%#			
50) Toluene-d8	10.173	98	279326	114.892	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 229.780%#			
62) 4-Bromofluorobenzene	12.477	95	136509	139.266	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 278.540%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	89125	141.976	ug/l	99
3) Chloromethane	2.101	50	109766	146.356	ug/l	97
4) Vinyl Chloride	2.235	62	112282	139.268	ug/l	98
5) Bromomethane	2.613	94	66591	125.781	ug/l	98
6) Chloroethane	2.772	64	65057	153.786	ug/l	99
7) Trichlorofluoromethane	3.101	101	187249	174.803	ug/l	99
8) Diethyl Ether	3.515	74	68208	171.637	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	110338	151.222	ug/l	96
10) Methyl Iodide	4.070	142	143506	150.738	ug/l	98
11) Tert butyl alcohol	4.960	59	57313	373.338	ug/l #	95
12) 1,1-Dichloroethene	3.851	96	108193	152.176	ug/l	96
13) Acrolein	3.716	56	3832	65.185	ug/l	97
14) Allyl chloride	4.460	41	201635	160.598	ug/l	97
15) Acrylonitrile	5.149	53	184729	840.624	ug/l	99
16) Acetone	3.936	43	138427	697.811	ug/l	93
17) Carbon Disulfide	4.174	76	362853	155.483	ug/l	98
18) Methyl Acetate	4.460	43	91451	163.765	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	307952	155.539	ug/l	99
20) Methylene Chloride	4.692	84	131532	130.046	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	127658	153.336	ug/l	97
22) Diisopropyl ether	6.106	45	419112	166.465	ug/l	98
23) Vinyl Acetate	6.045	43	1386606	857.413	ug/l	97
24) 1,1-Dichloroethane	6.003	63	218542	153.610	ug/l	98
25) 2-Butanone	6.972	43	244293	807.063	ug/l	97
26) 2,2-Dichloropropane	6.966	77	188597	143.359	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	141363	154.077	ug/l	99
28) Bromochloromethane	7.319	49	71872	124.123	ug/l	94
29) Tetrahydrofuran	7.338	42	169136	870.607	ug/l	98
30) Chloroform	7.496	83	222171	154.653	ug/l	98
31) Cyclohexane	7.771	56	214026	152.589	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	193969	153.763	ug/l	99
36) 1,1-Dichloropropene	7.905	75	172931	149.395	ug/l	98
37) Ethyl Acetate	7.063	43	110642	164.278	ug/l	99
38) Carbon Tetrachloride	7.893	117	174406	147.571	ug/l	99
39) Methylcyclohexane	9.179	83	219636	152.868	ug/l	97
40) Benzene	8.149	78	508966	149.168	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	63847m	174.396	ug/l	
42) 1,2-Dichloroethane	8.228	62	142205	149.310	ug/l	99
43) Isopropyl Acetate	8.264	43	203568	163.644	ug/l	97
44) Trichloroethene	8.929	130	134783	143.445	ug/l	98
45) 1,2-Dichloropropane	9.209	63	128566	152.738	ug/l	96
46) Dibromomethane	9.301	93	74087	152.280	ug/l	96
47) Bromodichloromethane	9.490	83	172276	153.177	ug/l	99
48) Methyl methacrylate	9.289	41	95146	172.440	ug/l	92
49) 1,4-Dioxane	9.289	88	19985	3106.153	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	554576	865.067	ug/l	98
52) Toluene	10.240	92	319587	151.326	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	183810	154.251	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	207534	152.618	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	101506	150.812	ug/l	98
56) Ethyl methacrylate	10.508	69	153782	171.614	ug/l	95
57) 1,3-Dichloropropane	10.788	76	175631	153.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	304125	683.463	ug/l	97
59) 2-Hexanone	10.831	43	390501	873.731	ug/l	98
60) Dibromochloromethane	10.977	129	120514	149.685	ug/l	100
61) 1,2-Dibromoethane	11.087	107	100984	154.094	ug/l	98
64) Tetrachloroethene	10.715	164	121180	125.513	ug/l	97
65) Chlorobenzene	11.514	112	332005	146.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	117071	144.365	ug/l	98
67) Ethyl Benzene	11.587	91	604979	150.065	ug/l	96
68) m/p-Xylenes	11.697	106	459991	292.388	ug/l	94
69) o-Xylene	12.026	106	219634	148.248	ug/l	94
70) Styrene	12.038	104	384623	156.014	ug/l	99
71) Bromoform	12.203	173	74927	148.231	ug/l #	100
73) Isopropylbenzene	12.325	105	584578	154.924	ug/l	99
74) N-amyl acetate	12.142	43	198771	188.925	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	122002	167.465	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	86475m	158.531	ug/l	
77) Bromobenzene	12.605	156	132839	144.525	ug/l	90
78) n-propylbenzene	12.666	91	731750	155.608	ug/l	97
79) 2-Chlorotoluene	12.751	91	406244	156.199	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	484681	151.846	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	46073	167.725	ug/l	97
82) 4-Chlorotoluene	12.849	91	423387	155.733	ug/l	97
83) tert-Butylbenzene	13.075	119	421496	151.046	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	475159	150.898	ug/l	98
85) sec-Butylbenzene	13.251	105	636007	153.138	ug/l	98
86) p-Isopropyltoluene	13.367	119	515319	150.432	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	255750	143.894	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	262386	146.179	ug/l	99
89) n-Butylbenzene	13.696	91	512675	158.556	ug/l	98
90) Hexachloroethane	13.959	117	102894	157.887	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	236832	147.939	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19588	157.599	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	141662	148.874	ug/l	99
94) Hexachlorobutadiene	15.111	225	73420	139.388	ug/l	99
95) Naphthalene	15.233	128	327856	169.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	126263	153.080	ug/l	99

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

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