

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081722\
 Data File : VY010081.D
 Acq On : 17 Aug 2022 20:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/18/2022
 Supervised By :Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 08:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 17 05:12:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	95780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	131059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	127425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	74367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	46772	48.839	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.680%		
35) Dibromofluoromethane	7.710	113	47368	55.732	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	111.460%		
50) Toluene-d8	10.179	98	161711	51.427	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.860%		
62) 4-Bromofluorobenzene	12.477	95	62270	56.381	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	112.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	35642	45.458	ug/l	99
3) Chloromethane	2.107	50	44029	40.980	ug/l	99
4) Vinyl Chloride	2.241	62	57630	42.304	ug/l	95
5) Bromomethane	2.638	94	50124	45.079	ug/l	99
6) Chloroethane	2.784	64	43603	46.476	ug/l	100
7) Trichlorofluoromethane	3.113	101	80495	49.743	ug/l	99
8) Diethyl Ether	3.522	74	21871	48.257	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.881	101	42640	49.690	ug/l	97
10) Methyl Iodide	4.076	142	53745	52.911	ug/l	100
11) Tert butyl alcohol	4.948	59	21596	231.884	ug/l	98
12) 1,1-Dichloroethene	3.863	96	36566	46.559	ug/l	96
13) Acrolein	3.723	56	11453	179.163	ug/l	100
14) Allyl chloride	4.473	41	47907	41.506	ug/l	97
15) Acrylonitrile	5.155	53	55590	260.128	ug/l	99
16) Acetone	3.942	43	45738	222.978	ug/l	93
17) Carbon Disulfide	4.180	76	85848	38.161	ug/l	97
18) Methyl Acetate	4.473	43	25534	45.711	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	116725	54.092	ug/l	98
20) Methylene Chloride	4.710	84	50084	52.983	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	43677	48.357	ug/l	97
22) Diisopropyl ether	6.106	45	116641	51.380	ug/l	95
23) Vinyl Acetate	6.052	43	389319	271.775	ug/l	98
24) 1,1-Dichloroethane	6.009	63	73448	50.943	ug/l	96
25) 2-Butanone	6.978	43	71795	255.846	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	69289	45.729	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	52293	52.649	ug/l	93
28) Bromochloromethane	7.326	49	29719	49.536	ug/l	83
29) Tetrahydrofuran	7.338	42	50001	274.322	ug/l	89
30) Chloroform	7.496	83	91576	51.937	ug/l	100
31) Cyclohexane	7.777	56	55871	41.290	ug/l	92
32) 1,1,1-Trichloroethane	7.692	97	84984	53.170	ug/l	98
36) 1,1-Dichloropropene	7.911	75	58982	49.816	ug/l	96
37) Ethyl Acetate	7.064	43	31850	53.419	ug/l #	93
38) Carbon Tetrachloride	7.893	117	81757	56.147	ug/l	97
39) Methylcyclohexane	9.179	83	68611	51.434	ug/l	95
40) Benzene	8.155	78	173987	50.231	ug/l	99

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41) Methacrylonitrile	7.301	41	18227m	59.184	ug/l	
42) 1,2-Dichloroethane	8.234	62	59841	55.446	ug/l	100
43) Isopropyl Acetate	8.271	43	59545	52.614	ug/l	96
44) Trichloroethene	8.935	130	56815	54.268	ug/l	94
45) 1,2-Dichloropropane	9.210	63	41472	50.638	ug/l	97
46) Dibromomethane	9.301	93	30206	57.586	ug/l	97
47) Bromodichloromethane	9.490	83	71450	56.472	ug/l #	99
48) Methyl methacrylate	9.289	41	26722	54.265	ug/l	91
49) 1,4-Dioxane	9.295	88	7565	1402.755	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	170493	273.056	ug/l	95
52) Toluene	10.240	92	120204	53.844	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	67391	55.307	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	73671	55.274	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	42953	59.286	ug/l	97
56) Ethyl methacrylate	10.508	69	50714	60.565	ug/l	92
57) 1,3-Dichloropropane	10.789	76	65770	56.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	83564	230.601	ug/l	93
59) 2-Hexanone	10.831	43	119098	243.923	ug/l	94
60) Dibromochloromethane	10.984	129	57408	59.823	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41325	58.528	ug/l	97
64) Tetrachloroethene	10.715	164	60869	55.941	ug/l	96
65) Chlorobenzene	11.514	112	140253	52.802	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	59079	56.133	ug/l	99
67) Ethyl Benzene	11.587	91	237794	53.397	ug/l	97
68) m/p-Xylenes	11.697	106	197518	111.649	ug/l	96
69) o-Xylene	12.026	106	92304	55.850	ug/l	97
70) Styrene	12.044	104	160168	57.429	ug/l	99
71) Bromoform	12.203	173	40222	61.002	ug/l #	99
73) Isopropylbenzene	12.325	105	244009	52.495	ug/l	97
74) N-amyl acetate	12.142	43	53911	41.831	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	47875	51.811	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	33863m	48.038	ug/l	
77) Bromobenzene	12.605	156	66780	54.079	ug/l	91
78) n-propylbenzene	12.666	91	292809	51.097	ug/l	97
79) 2-Chlorotoluene	12.752	91	166162	51.276	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	217681	53.758	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	15471	49.598	ug/l	98
82) 4-Chlorotoluene	12.855	91	175801	51.860	ug/l	97
83) tert-Butylbenzene	13.075	119	195625	54.980	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	215960	54.319	ug/l	98
85) sec-Butylbenzene	13.252	105	271601	52.260	ug/l	96
86) p-Isopropyltoluene	13.367	119	240011	53.885	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	131919	52.462	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	134361	52.927	ug/l	98
89) n-Butylbenzene	13.697	91	206735	52.097	ug/l	98
90) Hexachloroethane	13.959	117	46341	51.329	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	119532	53.447	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8859	55.780	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	77959	58.346	ug/l	100
94) Hexachlorobutadiene	15.111	225	47855	55.968	ug/l	99
95) Naphthalene	15.233	128	156549	66.183	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	71068	60.434	ug/l	100

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

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