

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070722\
 Data File : VY009472.D
 Acq On : 07 Jul 2022 15:04
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 08 01:32:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 01:24:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/08/2022
 Supervised By :Semsettin Yesilyurt 07/08/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	197678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	290969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	137566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	133013	78.714	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 157.420%			
35) Dibromofluoromethane	7.710	113	150970	88.581	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 177.160%#			
50) Toluene-d8	10.173	98	430153	73.466	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 146.940%#			
62) 4-Bromofluorobenzene	12.477	95	214727	89.254	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 178.500%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	152776	100.781	ug/l	98
3) Chloromethane	2.107	50	177393	104.788	ug/l	95
4) Vinyl Chloride	2.241	62	194308	100.814	ug/l	98
5) Bromomethane	2.625	94	139535	100.770	ug/l	99
6) Chloroethane	2.778	64	113125	100.530	ug/l	100
7) Trichlorofluoromethane	3.113	101	254740	98.994	ug/l	93
8) Diethyl Ether	3.522	74	104787	106.436	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	179185	102.773	ug/l	95
10) Methyl Iodide	4.076	142	248782	120.258	ug/l	89
11) Tert butyl alcohol	4.948	59	115245	378.640	ug/l	96
12) 1,1-Dichloroethene	3.863	96	176016	108.845	ug/l	86
13) Acrolein	3.717	56	82502	664.695	ug/l	99
14) Allyl chloride	4.466	41	323019	116.097	ug/l	93
15) Acrylonitrile	5.149	53	291116	537.398	ug/l	98
16) Acetone	3.936	43	245348	510.205	ug/l #	89
17) Carbon Disulfide	4.180	76	569081	125.033	ug/l	100
18) Methyl Acetate	4.466	43	133554	94.590	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	531865	108.667	ug/l	96
20) Methylene Chloride	4.704	84	218080	80.565	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	214743	113.333	ug/l	89
22) Diisopropyl ether	6.106	45	610883	103.274	ug/l #	93
23) Vinyl Acetate	6.045	43	2108408	557.471	ug/l #	94
24) 1,1-Dichloroethane	6.003	63	362966	108.811	ug/l	98
25) 2-Butanone	6.972	43	391230	502.922	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	328281	99.852	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	241747	108.371	ug/l	89
28) Bromochloromethane	7.326	49	139781	99.700	ug/l #	82
29) Tetrahydrofuran	7.338	42	249551	495.976	ug/l #	88
30) Chloroform	7.496	83	375894	102.963	ug/l	99
31) Cyclohexane	7.777	56	339076	104.551	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	334929	104.057	ug/l	96
36) 1,1-Dichloropropene	7.911	75	291462	105.043	ug/l	97
37) Ethyl Acetate	7.064	43	168762	97.030	ug/l #	94
38) Carbon Tetrachloride	7.893	117	302764	102.027	ug/l	100
39) Methylcyclohexane	9.173	83	371076	111.413	ug/l	94
40) Benzene	8.155	78	841928	103.332	ug/l	97

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41) Methacrylonitrile	7.301	41	80353	49.678	ug/l #	51
42) 1,2-Dichloroethane	8.228	62	243525	99.554	ug/l	92
43) Isopropyl Acetate	8.265	43	321910	99.195	ug/l #	92
44) Trichloroethene	8.929	130	235180	102.176	ug/l	98
45) 1,2-Dichloropropane	9.210	63	209394	101.550	ug/l	93
46) Dibromomethane	9.301	93	124580	102.940	ug/l	98
47) Bromodichloromethane	9.490	83	294545	102.253	ug/l	98
48) Methyl methacrylate	9.283	41	141293	101.054	ug/l #	86
49) 1,4-Dioxane	9.289	88	34724	1948.319	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	810998	475.202	ug/l	92
52) Toluene	10.240	92	532063	102.476	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	314126	103.482	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	355037	104.891	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	173618	99.443	ug/l	96
56) Ethyl methacrylate	10.502	69	244742	105.585	ug/l #	82
57) 1,3-Dichloropropane	10.782	76	291771	101.374	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	577323	509.853	ug/l	94
59) 2-Hexanone	10.825	43	565419	478.121	ug/l	89
60) Dibromochloromethane	10.977	129	214691	101.546	ug/l	100
61) 1,2-Dibromoethane	11.081	107	173291	103.534	ug/l	100
64) Tetrachloroethene	10.715	164	243844	100.233	ug/l	98
65) Chlorobenzene	11.514	112	572588	100.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	212108	98.672	ug/l	98
67) Ethyl Benzene	11.587	91	1006142	100.851	ug/l	97
68) m/p-Xylenes	11.697	106	785968	202.002	ug/l	94
69) o-Xylene	12.026	106	377259	101.156	ug/l	93
70) Styrene	12.038	104	637865	102.398	ug/l	97
71) Bromoform	12.203	173	140102	102.258	ug/l #	98
73) Isopropylbenzene	12.325	105	991637	105.402	ug/l	98
74) N-amyl acetate	12.136	43	276510	103.298	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	195818	103.951	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	134562m	55.460	ug/l	
77) Bromobenzene	12.605	156	237501	103.696	ug/l	93
78) n-propylbenzene	12.666	91	1187824	104.505	ug/l	98
79) 2-Chlorotoluene	12.752	91	674957	106.068	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	825219	104.938	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	74051	104.073	ug/l	87
82) 4-Chlorotoluene	12.849	91	690112	103.483	ug/l	97
83) tert-Butylbenzene	13.075	119	728511	104.129	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	812378	103.787	ug/l	98
85) sec-Butylbenzene	13.251	105	1061730	103.043	ug/l	99
86) p-Isopropyltoluene	13.367	119	886532	103.220	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	449754	99.480	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	455558	99.559	ug/l	98
89) n-Butylbenzene	13.690	91	826994	103.112	ug/l	98
90) Hexachloroethane	13.959	117	173728	103.091	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	410223	99.035	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34758	105.271	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	260163	102.980	ug/l	99
94) Hexachlorobutadiene	15.111	225	137896	99.282	ug/l	99
95) Naphthalene	15.233	128	561616	107.519	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	227024	103.753	ug/l	99

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

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