

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062822\
 Data File : VY009361.D
 Acq On : 28 Jun 2022 12:09
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 28 13:44:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 13:43:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/30/2022
 Supervised By :Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	166799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267984	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	239009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	124890	73.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 146.860%			
35) Dibromofluoromethane	7.710	113	141876	84.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 169.600%#			
50) Toluene-d8	10.179	98	429581	70.199	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 140.400%#			
62) 4-Bromofluorobenzene	12.477	95	200883	84.123	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 168.240%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	119157	81.797	ug/l	100
3) Chloromethane	2.107	50	132395	65.606	ug/l	98
4) Vinyl Chloride	2.247	62	152128	51.720	ug/l	98
5) Bromomethane	2.625	94	95756	33.384	ug/l	99
6) Chloroethane	2.778	64	80404	39.157	ug/l	97
7) Trichlorofluoromethane	3.113	101	204699	77.662	ug/l	95
8) Diethyl Ether	3.522	74	86663	102.075	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.887	101	153063	93.366	ug/l	93
10) Methyl Iodide	4.082	142	196907	114.710	ug/l	90
11) Tert butyl alcohol	4.954	59	100421	564.581	ug/l	99
12) 1,1-Dichloroethene	3.863	96	141551	92.909	ug/l	90
13) Acrolein	3.723	56	49715	740.256	ug/l	99
14) Allyl chloride	4.473	41	271473	114.101	ug/l	92
15) Acrylonitrile	5.149	53	260383	542.074	ug/l	97
16) Acetone	3.942	43	227094	629.828	ug/l	91
17) Carbon Disulfide	4.186	76	390549	80.476	ug/l	100
18) Methyl Acetate	4.466	43	117770	106.912	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	461167	99.932	ug/l	97
20) Methylene Chloride	4.710	84	187972	72.721	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	177699	90.571	ug/l	89
22) Diisopropyl ether	6.113	45	541508	95.048	ug/l #	93
23) Vinyl Acetate	6.052	43	1816228	489.195	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	323211	96.838	ug/l	99
25) 2-Butanone	6.978	43	339708	534.569	ug/l #	88
26) 2,2-Dichloropropane	6.978	77	288039	93.804	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	206170	93.065	ug/l	88
28) Bromochloromethane	7.326	49	138539	112.835	ug/l #	83
29) Tetrahydrofuran	7.344	42	215478	500.772	ug/l #	88
30) Chloroform	7.503	83	326843	91.338	ug/l	100
31) Cyclohexane	7.777	56	271357	83.381	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	293872	91.200	ug/l	96
36) 1,1-Dichloropropene	7.911	75	245634	88.792	ug/l	96
37) Ethyl Acetate	7.070	43	146950	99.941	ug/l	95
38) Carbon Tetrachloride	7.893	117	262124	90.526	ug/l	97
39) Methylcyclohexane	9.179	83	297967	84.938	ug/l	91
40) Benzene	8.155	78	724830	90.528	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	89749m	120.125	ug/l	
42) 1,2-Dichloroethane	8.234	62	205592	87.769	ug/l	93
43) Isopropyl Acetate	8.271	43	274738	100.986	ug/l #	92
44) Trichloroethene	8.935	130	201284	94.649	ug/l	98
45) 1,2-Dichloropropane	9.210	63	183325	94.396	ug/l	95
46) Dibromomethane	9.301	93	105848	87.373	ug/l	97
47) Bromodichloromethane	9.490	83	254202	91.284	ug/l	98
48) Methyl methacrylate	9.289	41	120050	100.070	ug/l #	87
49) 1,4-Dioxane	9.289	88	30740	1897.463	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	696004	470.274	ug/l	92
52) Toluene	10.240	92	457938	83.467	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	267190	90.771	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	303748	94.563	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	149778	88.636	ug/l	98
56) Ethyl methacrylate	10.508	69	210242	97.069	ug/l #	82
57) 1,3-Dichloropropane	10.789	76	252098	90.494	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.777	63	530772	545.013	ug/l	94
59) 2-Hexanone	10.831	43	495147	490.284	ug/l	90
60) Dibromochloromethane	10.984	129	184680	89.925	ug/l	99
61) 1,2-Dibromoethane	11.087	107	147831	89.011	ug/l	99
64) Tetrachloroethene	10.715	164	202955	113.371	ug/l	97
65) Chlorobenzene	11.514	112	494213	91.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	185539	94.845	ug/l	98
67) Ethyl Benzene	11.587	91	871458	91.090	ug/l	99
68) m/p-Xylenes	11.703	106	675230	176.507	ug/l	94
69) o-Xylene	12.026	106	324151	90.635	ug/l	92
70) Styrene	12.038	104	544529	89.534	ug/l	96
71) Bromoform	12.203	173	118726	93.031	ug/l #	98
73) Isopropylbenzene	12.331	105	853870	99.798	ug/l	99
74) N-amyl acetate	12.142	43	227503	112.645	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	163669	93.594	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	121299m	99.365	ug/l	
77) Bromobenzene	12.605	156	201546	100.919	ug/l	93
78) n-propylbenzene	12.666	91	1023082	97.746	ug/l	97
79) 2-Chlorotoluene	12.752	91	575481	101.164	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	704093	99.205	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	62091	103.103	ug/l	87
82) 4-Chlorotoluene	12.855	91	586845	97.621	ug/l	97
83) tert-Butylbenzene	13.075	119	622932	98.907	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	695700	99.060	ug/l	98
85) sec-Butylbenzene	13.252	105	916714	96.012	ug/l	98
86) p-Isopropyltoluene	13.367	119	758474	95.436	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	386205	93.010	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	387779	92.803	ug/l	99
89) n-Butylbenzene	13.697	91	711338	98.806	ug/l	98
90) Hexachloroethane	13.959	117	146739	97.430	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	349453	95.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28625	105.268	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	217851	105.697	ug/l	99
94) Hexachlorobutadiene	15.111	225	117146	103.452	ug/l	98
95) Naphthalene	15.233	128	464675	111.896	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	186378	103.360	ug/l	99

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

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