

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091923\
 Data File : VY015641.D
 Acq On : 19 Sep 2023 13:16
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 19 14:04:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 14:01:30 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
 Supervised By :Semsettin Yesilyurt 09/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	280608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	166456	91.850	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 183.700%#			
35) Dibromofluoromethane	7.716	113	160953	95.832	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 191.660%#			
50) Toluene-d8	10.179	98	517082	90.801	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 181.600%#			
62) 4-Bromofluorobenzene	12.483	95	206128	92.236	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 184.480%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	112636	103.744	ug/l	98
3) Chloromethane	2.107	50	142564	104.084	ug/l	97
4) Vinyl Chloride	2.247	62	162576	103.812	ug/l	98
5) Bromomethane	2.631	94	113777	102.283	ug/l	97
6) Chloroethane	2.784	64	120994	104.236	ug/l	95
7) Trichlorofluoromethane	3.119	101	267081	101.691	ug/l	100
8) Diethyl Ether	3.527	74	116603	104.108	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	167363	101.774	ug/l	94
10) Methyl Iodide	4.088	142	201723	101.353	ug/l	98
11) Tert butyl alcohol	4.972	59	200861	504.249	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	151557	104.590	ug/l	92
13) Acrolein	3.729	56	147812	532.568	ug/l	98
14) Allyl chloride	4.472	41	281510	106.254	ug/l	93
15) Acrylonitrile	5.161	53	412417	501.951	ug/l	98
16) Acetone	3.954	43	464504	478.946	ug/l	94
17) Carbon Disulfide	4.192	76	309695	110.014	ug/l	99
18) Methyl Acetate	4.479	43	334756	102.874	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	621415	105.292	ug/l	99
20) Methylene Chloride	4.710	84	203172	100.550	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	173567	104.792	ug/l	98
22) Diisopropyl ether	6.118	45	667064	104.620	ug/l	92
23) Vinyl Acetate	6.058	43	2057811	522.882	ug/l	95
24) 1,1-Dichloroethane	6.015	63	359787	103.525	ug/l	97
25) 2-Butanone	6.984	43	652243	475.797	ug/l	98
26) 2,2-Dichloropropane	6.978	77	310316	97.693	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	229587	104.413	ug/l	95
28) Bromochloromethane	7.332	49	96916	102.786	ug/l	98
29) Tetrahydrofuran	7.350	42	392727	506.866	ug/l	95
30) Chloroform	7.502	83	382209	102.695	ug/l	98
31) Cyclohexane	7.783	56	241843	96.331	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	317703	103.405	ug/l	99
36) 1,1-Dichloropropene	7.917	75	253814	102.207	ug/l	100
37) Ethyl Acetate	7.076	43	248350	100.262	ug/l	96
38) Carbon Tetrachloride	7.899	117	275350	102.149	ug/l	99
39) Methylcyclohexane	9.179	83	282628	102.898	ug/l	95
40) Benzene	8.161	78	775800	102.442	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	125161m	96.372	ug/l	
42) 1,2-Dichloroethane	8.234	62	261377	100.777	ug/l	94
43) Isopropyl Acetate	8.271	43	433697	102.500	ug/l	97
44) Trichloroethene	8.941	130	215533	101.899	ug/l	97
45) 1,2-Dichloropropane	9.215	63	217147	102.821	ug/l	97
46) Dibromomethane	9.307	93	138731	102.694	ug/l	94
47) Bromodichloromethane	9.496	83	309821	102.891	ug/l	98
48) Methyl methacrylate	9.295	41	192509	103.654	ug/l	90
49) 1,4-Dioxane	9.307	88	53279	1996.332	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	1308829	499.064	ug/l	93
52) Toluene	10.246	92	502626	102.950	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	341547	105.773	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	362927	104.415	ug/l	90
55) 1,1,2-Trichloroethane	10.642	97	198620	100.327	ug/l	98
56) Ethyl methacrylate	10.508	69	309696	106.151	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	337420	101.634	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	452283	488.043	ug/l	97
59) 2-Hexanone	10.831	43	996526	495.275	ug/l	91
60) Dibromochloromethane	10.983	129	239197	103.503	ug/l	99
61) 1,2-Dibromoethane	11.087	107	196319	101.364	ug/l	99
64) Tetrachloroethene	10.721	164	219996	99.520	ug/l	97
65) Chlorobenzene	11.514	112	565897	100.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	226149	103.520	ug/l	98
67) Ethyl Benzene	11.593	91	1019458	103.709	ug/l	99
68) m/p-Xylenes	11.703	106	772085	206.644	ug/l	96
69) o-Xylene	12.032	106	383284	104.616	ug/l	97
70) Styrene	12.044	104	666671	106.307	ug/l	97
71) Bromoform	12.209	173	165354	104.451	ug/l #	99
73) Isopropylbenzene	12.331	105	998951	103.702	ug/l	100
74) N-amyl acetate	12.142	43	380881	105.201	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	271676	101.337	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	213053m	99.065	ug/l	
77) Bromobenzene	12.611	156	242307	102.474	ug/l	93
78) n-propylbenzene	12.672	91	1206120	103.064	ug/l	100
79) 2-Chlorotoluene	12.758	91	684954	102.681	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	831390	103.095	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	95906	105.426	ug/l	94
82) 4-Chlorotoluene	12.855	91	714909	102.661	ug/l	100
83) tert-Butylbenzene	13.075	119	727529	103.005	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	842902	104.463	ug/l	99
85) sec-Butylbenzene	13.251	105	1082449	102.407	ug/l	100
86) p-Isopropyltoluene	13.367	119	912029	103.295	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	474739	101.203	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	470159	100.213	ug/l	99
89) n-Butylbenzene	13.696	91	856850	102.484	ug/l	97
90) Hexachloroethane	13.959	117	177563	104.201	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	435833	100.646	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	52408	98.428	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	276713	101.504	ug/l	99
94) Hexachlorobutadiene	15.111	225	139730	100.088	ug/l	98
95) Naphthalene	15.239	128	735903	103.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	255846	101.680	ug/l	99

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

