

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022822\
 Data File : VY007658.D
 Acq On : 28 Feb 2022 18:35
 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: Mar 01 07:05:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 07:02:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	387065	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	601024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	551513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	273137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	386424	89.380	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 178.760%#			
35) Dibromofluoromethane	7.716	113	378471	98.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 196.180%#			
50) Toluene-d8	10.179	98	1381555	102.354	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 204.700%#			
62) 4-Bromofluorobenzene	12.477	95	450267	91.439	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 182.880%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	247444	54.775	ug/l	96
3) Chloromethane	2.113	50	386358	75.802	ug/l	97
4) Vinyl Chloride	2.253	62	512949	87.928	ug/l	99
5) Bromomethane	2.644	94	451748	106.710	ug/l	98
6) Chloroethane	2.790	64	410397	107.448	ug/l	99
7) Trichlorofluoromethane	3.125	101	598293	57.937	ug/l	92
8) Diethyl Ether	3.528	74	204224	75.128	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	375282	80.410	ug/l	94
10) Methyl Iodide	4.088	142	481784	86.143	ug/l	92
11) Tert butyl alcohol	4.954	59	182290	425.432	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	334901	78.356	ug/l	90
13) Acrolein	3.729	56	146473	281.991	ug/l	97
14) Allyl chloride	4.479	41	527317	120.533	ug/l #	92
15) Acrylonitrile	5.161	53	583375	572.777	ug/l	99
16) Acetone	3.948	43	397415	411.275	ug/l #	88
17) Carbon Disulfide	4.192	76	861350	79.448	ug/l	99
18) Methyl Acetate	4.479	43	248649	105.210	ug/l #	88
19) Methyl tert-butyl Ether	5.216	73	1122652	94.354	ug/l	96
20) Methylene Chloride	4.710	84	393731	73.297	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	396617	89.742	ug/l	87
22) Diisopropyl ether	6.119	45	1293824	134.560	ug/l #	96
23) Vinyl Acetate	6.058	43	4374353	649.547	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	748913	109.204	ug/l	99
25) 2-Butanone	6.984	43	730590	608.878	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	681347	92.062	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	480863	93.513	ug/l	89
28) Bromochloromethane	7.332	49	338901	136.743	ug/l #	89
29) Tetrahydrofuran	7.344	42	498955	682.275	ug/l #	85
30) Chloroform	7.509	83	784023	92.687	ug/l	99
31) Cyclohexane	7.783	56	620287	103.115	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	703526	85.082	ug/l	98
36) 1,1-Dichloropropene	7.917	75	578107	101.212	ug/l	98
37) Ethyl Acetate	7.076	43	347719	126.996	ug/l	97
38) Carbon Tetrachloride	7.899	117	636207	80.472	ug/l	98
39) Methylcyclohexane	9.179	83	718552	98.348	ug/l	91
40) Benzene	8.161	78	1646680	101.169	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	175604m	121.518	ug/l	
42) 1,2-Dichloroethane	8.234	62	516466	89.572	ug/l	94
43) Isopropyl Acetate	8.271	43	661571	121.797	ug/l #	92
44) Trichloroethene	8.935	130	451950	85.031	ug/l	97
45) 1,2-Dichloropropane	9.216	63	431987	119.886	ug/l	95
46) Dibromomethane	9.301	93	261099	90.736	ug/l	96
47) Bromodichloromethane	9.496	83	622681	95.478	ug/l	98
48) Methyl methacrylate	9.289	41	283646	122.999	ug/l #	84
49) 1,4-Dioxane	9.301	88	68475	1871.278	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	1802338	648.770	ug/l	90
52) Toluene	10.240	92	1075963	97.355	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	656715	98.410	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	717681	102.136	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	362523	95.629	ug/l	99
56) Ethyl methacrylate	10.508	69	511775	111.611	ug/l #	84
57) 1,3-Dichloropropane	10.788	76	614610	104.439	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	1438334	636.426	ug/l	97
59) 2-Hexanone	10.831	43	1233697	625.467	ug/l	87
60) Dibromochloromethane	10.984	129	448369	90.144	ug/l	99
61) 1,2-Dibromoethane	11.087	107	349949	93.185	ug/l	100
64) Tetrachloroethene	10.715	164	382400	78.605	ug/l	99
65) Chlorobenzene	11.514	112	1161414	94.244	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	454785	93.967	ug/l	97
67) Ethyl Benzene	11.593	91	2154127	102.750	ug/l	99
68) m/p-Xylenes	11.703	106	1661998	201.773	ug/l	93
69) o-Xylene	12.026	106	787131	97.801	ug/l	94
70) Styrene	12.044	104	1375609	101.912	ug/l	95
71) Bromoform	12.203	173	298567	93.392	ug/l #	99
73) Isopropylbenzene	12.325	105	2119098	98.564	ug/l	100
74) N-amyl acetate	12.142	43	604311	135.178	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	460032	114.381	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	308551m	108.338	ug/l	
77) Bromobenzene	12.605	156	489346	89.244	ug/l	95
78) n-propylbenzene	12.672	91	2541372	101.479	ug/l	99
79) 2-Chlorotoluene	12.752	91	1364689	98.157	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	1698876	93.913	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	164514	122.624	ug/l	86
82) 4-Chlorotoluene	12.855	91	1426598	100.945	ug/l	97
83) tert-Butylbenzene	13.075	119	1569178	96.463	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	1684551	94.941	ug/l	98
85) sec-Butylbenzene	13.251	105	2306337	99.429	ug/l	100
86) p-Isopropyltoluene	13.367	119	1937324	98.012	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	985885	95.838	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	951768	94.338	ug/l	98
89) n-Butylbenzene	13.696	91	1790491	99.737	ug/l	100
90) Hexachloroethane	13.959	117	361240	92.052	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	867659	93.192	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	70272	93.147	ug/l	78
93) 1,2,4-Trichlorobenzene	15.001	180	542134	85.079	ug/l	99
94) Hexachlorobutadiene	15.111	225	310339	87.220	ug/l	99
95) Naphthalene	15.233	128	1174483	86.766	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	481772	87.402	ug/l	99

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

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