

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061522\
 Data File : VY009187.D
 Acq On : 15 Jun 2022 15:11
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2022
 Supervised By :Semsettin Yesilyurt 06/17/2022

Quant Time: Jun 16 02:25:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:21:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	187169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	302589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	131468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	189584	94.206	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 188.420%#			
35) Dibromofluoromethane	7.710	113	189111	96.684	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 193.360%#			
50) Toluene-d8	10.173	98	689657	93.857	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 187.720%#			
62) 4-Bromofluorobenzene	12.477	95	243114	89.483	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 178.960%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	136509	83.988	ug/l	100
3) Chloromethane	2.107	50	158523	68.926	ug/l	96
4) Vinyl Chloride	2.241	62	170833	51.701	ug/l	98
5) Bromomethane	2.631	94	120028	36.905	ug/l	98
6) Chloroethane	2.778	64	112445	48.022	ug/l	100
7) Trichlorofluoromethane	3.113	101	296814	98.030	ug/l	93
8) Diethyl Ether	3.521	74	116711	117.882	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	191118	102.539	ug/l	94
10) Methyl Iodide	4.076	142	254545	128.608	ug/l	89
11) Tert butyl alcohol	4.948	59	134618	673.840	ug/l	100
12) 1,1-Dichloroethene	3.863	96	185380	105.638	ug/l	84
13) Acrolein	3.723	56	25388	381.087	ug/l	98
14) Allyl chloride	4.466	41	328196	119.772	ug/l #	89
15) Acrylonitrile	5.155	53	309826	561.808	ug/l	97
16) Acetone	3.942	43	273233	665.824	ug/l	90
17) Carbon Disulfide	4.180	76	547471	97.447	ug/l	100
18) Methyl Acetate	4.466	43	144800	113.987	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	563601	106.534	ug/l	96
20) Methylene Chloride	4.704	84	218059	74.434	ug/l	86
21) trans-1,2-Dichloroethene	5.210	96	217907	96.961	ug/l	85
22) Diisopropyl ether	6.112	45	623746	97.295	ug/l #	91
23) Vinyl Acetate	6.051	43	2127414	504.396	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	380016	99.986	ug/l	99
25) 2-Butanone	6.978	43	400327	553.533	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	339098	97.810	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	248835	98.333	ug/l	86
28) Bromochloromethane	7.326	49	151770	110.425	ug/l #	79
29) Tetrahydrofuran	7.338	42	251191	511.939	ug/l #	86
30) Chloroform	7.496	83	391950	96.290	ug/l	97
31) Cyclohexane	7.777	56	331609	89.032	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	352645	96.272	ug/l	96
36) 1,1-Dichloropropene	7.911	75	296697	93.734	ug/l	97
37) Ethyl Acetate	7.070	43	171109	102.151	ug/l #	93
38) Carbon Tetrachloride	7.893	117	319167	96.870	ug/l	98
39) Methylcyclohexane	9.179	83	368217	91.560	ug/l	91
40) Benzene	8.155	78	859332	94.374	ug/l	97

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41) Methacrylonitrile	7.307	41	92714m	107.122	ug/l	
42) 1,2-Dichloroethane	8.228	62	251658	94.369	ug/l	92
43) Isopropyl Acetate	8.264	43	324589	104.924	ug/l #	92
44) Trichloroethene	8.935	130	246917	101.199	ug/l	99
45) 1,2-Dichloropropane	9.209	63	213531	96.870	ug/l	95
46) Dibromomethane	9.301	93	126037	91.291	ug/l	97
47) Bromodichloromethane	9.490	83	301293	94.863	ug/l	98
48) Methyl methacrylate	9.289	41	144685	104.749	ug/l #	85
49) 1,4-Dioxane	9.295	88	37588	2009.247	ug/l #	85
51) 4-Methyl-2-Pentanone	10.063	43	835746	496.102	ug/l	91
52) Toluene	10.240	92	544291	87.558	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	320226	95.843	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	362630	99.436	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	174874	90.527	ug/l	98
56) Ethyl methacrylate	10.502	69	252024	101.675	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	302245	95.398	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	486765	456.782	ug/l	93
59) 2-Hexanone	10.825	43	592471	516.621	ug/l	89
60) Dibromochloromethane	10.977	129	220987	94.623	ug/l	100
61) 1,2-Dibromoethane	11.087	107	175290	91.914	ug/l	100
64) Tetrachloroethene	10.715	164	244894	120.966	ug/l	98
65) Chlorobenzene	11.514	112	585227	97.389	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	217246	99.110	ug/l	98
67) Ethyl Benzene	11.587	91	1033584	96.670	ug/l	98
68) m/p-Xylenes	11.697	106	811406	189.507	ug/l	93
69) o-Xylene	12.026	106	390374	97.596	ug/l	92
70) Styrene	12.038	104	662433	97.593	ug/l	96
71) Bromoform	12.203	173	143307	100.053	ug/l #	97
73) Isopropylbenzene	12.325	105	1026913	103.513	ug/l	98
74) N-amyl acetate	12.142	43	287124	122.161	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	198664	97.691	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	140346m	96.234	ug/l	
77) Bromobenzene	12.605	156	245123	105.191	ug/l	94
78) n-propylbenzene	12.666	91	1230770	101.192	ug/l	97
79) 2-Chlorotoluene	12.751	91	688077	104.270	ug/l	96
80) 1,3,5-Trimethylbenzene	12.806	105	850460	103.321	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	77547	111.049	ug/l	86
82) 4-Chlorotoluene	12.849	91	717926	103.156	ug/l	97
83) tert-Butylbenzene	13.075	119	759122	103.569	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	844270	103.564	ug/l	97
85) sec-Butylbenzene	13.251	105	1114915	100.764	ug/l	98
86) p-Isopropyltoluene	13.367	119	920895	99.971	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	468686	97.298	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	474451	97.728	ug/l	98
89) n-Butylbenzene	13.690	91	866693	101.991	ug/l	98
90) Hexachloroethane	13.959	117	173011	99.225	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	432113	100.529	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	36550	112.680	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	271156	110.584	ug/l	99
94) Hexachlorobutadiene	15.111	225	142192	106.547	ug/l	99
95) Naphthalene	15.233	128	593250	119.649	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	238464	111.560	ug/l	99

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

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