

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075128.D
 Acq On : 18 Jan 2023 12:42
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 19 01:10:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:06:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	99818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	144508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	63041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	94216	92.468	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 184.940%#			
35) Dibromofluoromethane	7.810	113	98092	97.703	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 195.400%#			
50) Toluene-d8	10.269	98	380306	97.395	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 194.780%#			
62) 4-Bromofluorobenzene	12.575	95	117766	95.522	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 191.040%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	74462	85.341	ug/l	99
3) Chloromethane	2.146	50	110994	85.114	ug/l	100
4) Vinyl Chloride	2.281	62	128037	92.192	ug/l	99
5) Bromomethane	2.681	94	82919	86.727	ug/l	99
6) Chloroethane	2.834	64	88867	93.132	ug/l	97
7) Trichlorofluoromethane	3.175	101	166061	95.056	ug/l	98
8) Diethyl Ether	3.593	74	53282	94.905	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.964	101	103512	94.708	ug/l	99
10) Methyl Iodide	4.164	142	152278	105.280	ug/l	99
11) Tert butyl alcohol	5.052	59	30005	411.309	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	107121	93.679	ug/l	97
13) Acrolein	3.793	56	26746	381.943	ug/l	96
14) Allyl chloride	4.558	41	170963	93.824	ug/l	98
15) Acrylonitrile	5.258	53	111989	459.933	ug/l	97
16) Acetone	4.022	43	135837	498.007	ug/l	99
17) Carbon Disulfide	4.269	76	341305	92.142	ug/l	99
18) Methyl Acetate	4.558	43	64922	88.181	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	225247	93.821	ug/l	98
20) Methylene Chloride	4.799	84	125499	72.000	ug/l	95
21) trans-1,2-Dichloroethene	5.311	96	116292	92.696	ug/l	99
22) Diisopropyl ether	6.216	45	315545	91.628	ug/l	99
23) Vinyl Acetate	6.158	43	761986	509.412	ug/l	98
24) 1,1-Dichloroethane	6.111	63	200112	92.305	ug/l	98
25) 2-Butanone	7.081	43	151060	461.466	ug/l	97
26) 2,2-Dichloropropane	7.081	77	175977	92.192	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	129457	92.995	ug/l	98
28) Bromochloromethane	7.428	49	51552	86.872	ug/l	97
29) Tetrahydrofuran	7.446	42	85422	457.729	ug/l	98
30) Chloroform	7.599	83	196871	91.344	ug/l	99
31) Cyclohexane	7.881	56	178703	88.359	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	175319	93.609	ug/l	99
36) 1,1-Dichloropropene	8.010	75	156466	97.680	ug/l	99
37) Ethyl Acetate	7.175	43	58920	89.698	ug/l	98
38) Carbon Tetrachloride	7.993	117	143279	107.734	ug/l	96
39) Methylcyclohexane	9.275	83	197061	100.348	ug/l	98
40) Benzene	8.252	78	437904	96.253	ug/l	98

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41) Methacrylonitrile	7.405	41	40499m	102.338	ug/l	
42) 1,2-Dichloroethane	8.328	62	117078	97.114	ug/l	100
43) Isopropyl Acetate	8.357	43	120052	95.625	ug/l	99
44) Trichloroethene	9.028	130	124138	97.671	ug/l	98
45) 1,2-Dichloropropane	9.305	63	107821	96.324	ug/l	99
46) Dibromomethane	9.399	93	56994	95.192	ug/l	98
47) Bromodichloromethane	9.587	83	146234	99.652	ug/l	94
48) Methyl methacrylate	9.381	41	60389	98.934	ug/l	96
49) 1,4-Dioxane	9.387	88	10771	1906.744	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	297355	489.388	ug/l	98
52) Toluene	10.334	92	273463	95.605	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	140477	101.231	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	168617	99.066	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	74368	95.957	ug/l	97
56) Ethyl methacrylate	10.599	69	94549	98.629	ug/l	99
57) 1,3-Dichloropropane	10.881	76	129957	96.010	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	162760	507.825	ug/l	99
59) 2-Hexanone	10.922	43	216582	491.515	ug/l	100
60) Dibromochloromethane	11.075	129	93345	98.487	ug/l	99
61) 1,2-Dibromoethane	11.181	107	71498	95.423	ug/l	99
64) Tetrachloroethene	10.810	164	100049	96.569	ug/l	98
65) Chlorobenzene	11.610	112	280992	96.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	97906	98.932	ug/l	95
67) Ethyl Benzene	11.687	91	521627	97.825	ug/l	99
68) m/p-Xylenes	11.793	106	398055	193.726	ug/l	100
69) o-Xylene	12.122	106	186962	96.623	ug/l	96
70) Styrene	12.140	104	310062	95.771	ug/l	98
71) Bromoform	12.298	173	53114	101.888	ug/l #	95
73) Isopropylbenzene	12.422	105	498545	101.049	ug/l	98
74) N-amyl acetate	12.234	43	110144	101.572	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	77428	96.316	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	58559m	98.476	ug/l	
77) Bromobenzene	12.704	156	110681	98.771	ug/l	98
78) n-propylbenzene	12.769	91	604678	98.804	ug/l	99
79) 2-Chlorotoluene	12.851	91	327943	97.719	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	409070	100.884	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.475	75	23991	105.492	ug/l	95
82) 4-Chlorotoluene	12.951	91	335953	96.670	ug/l	100
83) tert-Butylbenzene	13.169	119	352991	99.976	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	394661	99.293	ug/l	99
85) sec-Butylbenzene	13.345	105	532931	99.827	ug/l	98
86) p-Isopropyltoluene	13.463	119	441202	100.558	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	212372	95.835	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	211306	98.017	ug/l	99
89) n-Butylbenzene	13.793	91	426802	100.263	ug/l	99
90) Hexachloroethane	14.057	117	77415	101.539	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	183265	97.016	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12243	100.464	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	124398	101.569	ug/l	98
94) Hexachlorobutadiene	15.210	225	62745	103.796	ug/l	99
95) Naphthalene	15.334	128	237651	97.739	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	106776	100.615	ug/l	100

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

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