

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078909.D
 Acq On : 13 May 2024 12:12
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: May 14 06:09:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 05:58:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	155060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	244903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	126344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	128951	88.659	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	177.320%#	
35) Dibromofluoromethane	7.804	113	148570	91.134	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	182.260%#	
50) Toluene-d8	10.269	98	584963	95.715	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	191.440%#	
62) 4-Bromofluorobenzene	12.575	95	167407	97.507	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	195.020%#	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	134375	92.743	ug/l	97
3) Chloromethane	2.146	50	195416	103.736	ug/l	96
4) Vinyl Chloride	2.281	62	315893	103.327	ug/l	100
5) Bromomethane	2.687	94	296745	99.967	ug/l	98
6) Chloroethane	2.834	64	268611	96.850	ug/l	95
7) Trichlorofluoromethane	3.169	101	306467	100.919	ug/l	98
8) Diethyl Ether	3.593	74	74439	104.330	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	152292	94.970	ug/l	98
10) Methyl Iodide	4.157	142	207978	108.557	ug/l	99
11) Tert butyl alcohol	5.052	59	34033	521.788	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	152766	97.322	ug/l	94
13) Acrolein	3.793	56	65833	454.686	ug/l	100
14) Allyl chloride	4.557	41	163137	106.509	ug/l	98
15) Acrylonitrile	5.257	53	147761	525.571	ug/l	95
16) Acetone	4.016	43	126101	543.755	ug/l	99
17) Carbon Disulfide	4.269	76	463040	103.324	ug/l	99
18) Methyl Acetate	4.569	43	52118	97.604	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	333740	109.117	ug/l	92
20) Methylene Chloride	4.804	84	178162	102.727	ug/l	98
21) trans-1,2-Dichloroethene	5.310	96	174537	99.759	ug/l	98
22) Diisopropyl ether	6.216	45	362635	104.678	ug/l	98
23) Vinyl Acetate	6.157	43	1128224	542.974	ug/l	97
24) 1,1-Dichloroethane	6.110	63	265608	96.715	ug/l	99
25) 2-Butanone	7.087	43	168537	543.372	ug/l	94
26) 2,2-Dichloropropane	7.075	77	233492	96.748	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	208427	101.451	ug/l	99
28) Bromochloromethane	7.422	49	95356	104.115	ug/l	99
29) Tetrahydrofuran	7.446	42	97745	544.838	ug/l	97
30) Chloroform	7.593	83	300269	96.533	ug/l	100
31) Cyclohexane	7.881	56	201118	94.646	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	261241	98.071	ug/l	98
36) 1,1-Dichloropropene	8.004	75	208196	102.627	ug/l	98
37) Ethyl Acetate	7.163	43	73939	106.946	ug/l	100
38) Carbon Tetrachloride	7.993	117	243243	102.457	ug/l	99
39) Methylcyclohexane	9.275	83	267686	108.598	ug/l	98
40) Benzene	8.251	78	679024	103.486	ug/l	97

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41) Methacrylonitrile	7.398	41	38068	102.330	ug/l	96
42) 1,2-Dichloroethane	8.322	62	154499	97.279	ug/l	99
43) Isopropyl Acetate	8.363	43	137983	112.480	ug/l	99
44) Trichloroethene	9.028	130	175983	101.117	ug/l	95
45) 1,2-Dichloropropane	9.304	63	144767	100.401	ug/l	99
46) Dibromomethane	9.392	93	95080	100.168	ug/l	99
47) Bromodichloromethane	9.581	83	233953	102.390	ug/l	98
48) Methyl methacrylate	9.381	41	64731	108.394	ug/l	97
49) 1,4-Dioxane	9.387	88	19732	2363.220	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	357841	547.657	ug/l	99
52) Toluene	10.334	92	458218	109.097	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	210049	108.183	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	247146	106.051	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	125998	102.744	ug/l	97
56) Ethyl methacrylate	10.598	69	147663	117.034	ug/l	97
57) 1,3-Dichloropropane	10.875	76	201738	105.646	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	299726	552.879	ug/l	100
59) 2-Hexanone	10.922	43	259548	570.688	ug/l	94
60) Dibromochloromethane	11.075	129	174275	104.247	ug/l	99
61) 1,2-Dibromoethane	11.181	107	120016	107.335	ug/l	95
64) Tetrachloroethene	10.810	164	157397	105.460	ug/l	94
65) Chlorobenzene	11.604	112	510200	104.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	181292	107.170	ug/l	98
67) Ethyl Benzene	11.681	91	894903	113.703	ug/l	98
68) m/p-Xylenes	11.792	106	729168	227.875	ug/l	98
69) o-Xylene	12.122	106	333741	114.405	ug/l	93
70) Styrene	12.133	104	601306	116.303	ug/l	99
71) Bromoform	12.298	173	100509	103.722	ug/l #	97
73) Isopropylbenzene	12.422	105	847909	112.441	ug/l	99
74) N-amyl acetate	12.233	43	133586	109.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	138299	101.674	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	85918m	95.889	ug/l	
77) Bromobenzene	12.698	156	209763	105.781	ug/l	94
78) n-propylbenzene	12.763	91	1004441	110.202	ug/l	100
79) 2-Chlorotoluene	12.845	91	544798	107.542	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	713572	113.896	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	48650	108.463	ug/l	99
82) 4-Chlorotoluene	12.945	91	572971	107.811	ug/l	99
83) tert-Butylbenzene	13.163	119	644084	116.243	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	736707	113.523	ug/l	99
85) sec-Butylbenzene	13.345	105	930894	112.628	ug/l	99
86) p-Isopropyltoluene	13.457	119	835021	115.958	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	445146	106.081	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	421973	102.682	ug/l	98
89) n-Butylbenzene	13.786	91	721555	111.824	ug/l	99
90) Hexachloroethane	14.051	117	154151	101.486	ug/l	95
91) 1,2-Dichlorobenzene	13.828	146	365807	104.187	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19321	106.695	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	226099	109.676	ug/l	96
94) Hexachlorobutadiene	15.204	225	115565	107.268	ug/l	96
95) Naphthalene	15.327	128	432574	123.186	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	204378	111.448	ug/l	99

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

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