

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078900.D
 Acq On : 10 May 2024 17:41
 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 11 05:02:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 04:52:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/13/2024
 Supervised By :Semsettin Yesilyurt 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	160730	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	251350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	232470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129921	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	130357	89.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.820%#	
35) Dibromofluoromethane	7.805	113	152922	93.729	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 187.460%#	
50) Toluene-d8	10.269	98	597016	97.278	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 194.560%#	
62) 4-Bromofluorobenzene	12.575	95	176237	101.670	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 203.340%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	147464	91.215	ug/l	99
3) Chloromethane	2.146	50	208921	87.716	ug/l	94
4) Vinyl Chloride	2.281	62	334378	92.637	ug/l	95
5) Bromomethane	2.687	94	324331	93.015	ug/l	98
6) Chloroethane	2.834	64	286717	96.253	ug/l	97
7) Trichlorofluoromethane	3.175	101	332863	99.548	ug/l	96
8) Diethyl Ether	3.593	74	101368	117.833	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.970	101	197093	105.859	ug/l	99
10) Methyl Iodide	4.164	142	271984	122.519	ug/l	100
11) Tert butyl alcohol	5.058	59	33971	452.125	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	203879	111.124	ug/l	94
13) Acrolein	3.793	56	92193	545.570	ug/l	99
14) Allyl chloride	4.564	41	197092	116.036	ug/l	97
15) Acrylonitrile	5.252	53	148647	494.077	ug/l	97
16) Acetone	4.022	43	170716	599.206	ug/l	97
17) Carbon Disulfide	4.269	76	640795	106.460	ug/l	99
18) Methyl Acetate	4.564	43	66838	121.561	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	347435	106.595	ug/l	97
20) Methylene Chloride	4.799	84	188414	94.168	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	189877	100.158	ug/l	91
22) Diisopropyl ether	6.216	45	381823	102.827	ug/l	96
23) Vinyl Acetate	6.158	43	1181900	528.630	ug/l	94
24) 1,1-Dichloroethane	6.111	63	279228	96.909	ug/l	100
25) 2-Butanone	7.081	43	173746	497.944	ug/l #	88
26) 2,2-Dichloropropane	7.075	77	250121	96.003	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	219455	99.945	ug/l	95
28) Bromochloromethane	7.422	49	94764	94.250	ug/l	88
29) Tetrahydrofuran	7.446	42	103127	531.289	ug/l	95
30) Chloroform	7.599	83	320231	97.212	ug/l	98
31) Cyclohexane	7.875	56	220399	93.067	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	282052	97.336	ug/l	98
36) 1,1-Dichloropropene	8.005	75	226267	103.224	ug/l	98
37) Ethyl Acetate	7.163	43	74870	103.509	ug/l	99
38) Carbon Tetrachloride	7.993	117	250890	97.471	ug/l	96
39) Methylcyclohexane	9.275	83	295544	105.171	ug/l	95
40) Benzene	8.252	78	714596	101.097	ug/l	97

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41) Methacrylonitrile	7.399	41	40090	99.989	ug/l	95
42) 1,2-Dichloroethane	8.328	62	166494	101.061	ug/l	99
43) Isopropyl Acetate	8.357	43	141086	105.021	ug/l	98
44) Trichloroethene	9.028	130	188327	99.969	ug/l	94
45) 1,2-Dichloropropane	9.305	63	153572	98.630	ug/l	100
46) Dibromomethane	9.399	93	100932	102.139	ug/l	98
47) Bromodichloromethane	9.581	83	247120	101.060	ug/l	93
48) Methyl methacrylate	9.381	41	65352	104.800	ug/l	94
49) 1,4-Dioxane	9.387	88	20041	2105.043	ug/l	89
51) 4-Methyl-2-Pentanone	10.157	43	360871	523.295	ug/l	98
52) Toluene	10.334	92	484377	105.626	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	221741	107.025	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	264470	106.312	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	130334	98.789	ug/l	96
56) Ethyl methacrylate	10.599	69	154792	113.442	ug/l	96
57) 1,3-Dichloropropane	10.881	76	208363	101.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	297922	550.748	ug/l	96
59) 2-Hexanone	10.922	43	275275	541.840	ug/l	97
60) Dibromochloromethane	11.075	129	182071	102.331	ug/l	99
61) 1,2-Dibromoethane	11.181	107	129240	104.726	ug/l	99
64) Tetrachloroethene	10.810	164	161471	100.228	ug/l	97
65) Chlorobenzene	11.604	112	535645	102.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	187828	104.509	ug/l	98
67) Ethyl Benzene	11.681	91	934214	112.474	ug/l	97
68) m/p-Xylenes	11.793	106	767160	224.575	ug/l	97
69) o-Xylene	12.122	106	358913	116.231	ug/l	99
70) Styrene	12.134	104	625324	114.211	ug/l	99
71) Bromoform	12.298	173	103479	106.863	ug/l #	97
73) Isopropylbenzene	12.422	105	882897	105.581	ug/l	100
74) N-amyl acetate	12.234	43	134701	102.656	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	140631	96.773	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	90780m	89.776	ug/l	
77) Bromobenzene	12.698	156	217778	102.112	ug/l	94
78) n-propylbenzene	12.763	91	1047888	104.067	ug/l	99
79) 2-Chlorotoluene	12.845	91	564295	102.448	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	736241	105.750	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	49703	100.745	ug/l	96
82) 4-Chlorotoluene	12.945	91	595427	99.174	ug/l	97
83) tert-Butylbenzene	13.163	119	667011	107.689	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	763433	108.714	ug/l	98
85) sec-Butylbenzene	13.345	105	967899	105.731	ug/l	99
86) p-Isopropyltoluene	13.457	119	870525	109.560	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	465837	103.787	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	440161	98.589	ug/l	99
89) n-Butylbenzene	13.787	91	737903	105.153	ug/l	99
90) Hexachloroethane	14.051	117	157960	98.037	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	386756	100.867	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19941	99.604	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	233365	104.429	ug/l	98
94) Hexachlorobutadiene	15.204	225	122242	101.436	ug/l	98
95) Naphthalene	15.334	128	443592	113.072	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	207748	106.578	ug/l	99

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

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