

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078902.D
 Acq On : 10 May 2024 19:02
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051024

Quant Time: May 11 05:15:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 05:14:02 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	7.881	168	137069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	222599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	206791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	74951	60.619	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	121.240%	
35) Dibromofluoromethane	7.810	113	85469	59.152	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	118.300%	
50) Toluene-d8	10.269	98	332383	61.154	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	122.300%	
62) 4-Bromofluorobenzene	12.575	95	97324	63.397	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	126.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	75413	54.700	ug/l	100
3) Chloromethane	2.152	50	111956	55.119	ug/l	95
4) Vinyl Chloride	2.287	62	170562	55.410	ug/l	93
5) Bromomethane	2.693	94	161572	54.336	ug/l	98
6) Chloroethane	2.834	64	142851	56.235	ug/l	95
7) Trichlorofluoromethane	3.175	101	134885	47.303	ug/l	97
8) Diethyl Ether	3.593	74	40415	55.089	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.969	101	82476	51.945	ug/l	98
10) Methyl Iodide	4.163	142	110114	58.165	ug/l	99
11) Tert butyl alcohol	5.045	59	18143	283.150	ug/l #	91
12) 1,1-Dichloroethene	3.940	96	84332	53.900	ug/l	95
13) Acrolein	3.798	56	36954	256.432	ug/l	99
14) Allyl chloride	4.569	41	83254	57.476	ug/l	99
15) Acrylonitrile	5.251	53	75125	292.806	ug/l	97
16) Acetone	4.022	43	62030	255.306	ug/l	99
17) Carbon Disulfide	4.275	76	263925	51.417	ug/l	100
18) Methyl Acetate	4.563	43	27805	59.300	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	171472	61.690	ug/l	98
20) Methylene Chloride	4.804	84	103407	55.910	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	93035	57.546	ug/l	94
22) Diisopropyl ether	6.216	45	190233	60.074	ug/l	98
23) Vinyl Acetate	6.157	43	598815	314.066	ug/l #	93
24) 1,1-Dichloroethane	6.116	63	141869	57.736	ug/l	98
25) 2-Butanone	7.087	43	88028	295.831	ug/l	92
26) 2,2-Dichloropropane	7.075	77	120919	54.424	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	108891	58.152	ug/l	95
28) Bromochloromethane	7.422	49	47510	55.409	ug/l	89
29) Tetrahydrofuran	7.445	42	50867	307.293	ug/l	93
30) Chloroform	7.592	83	158262	56.336	ug/l	99
31) Cyclohexane	7.881	56	110215	54.574	ug/l	95
32) 1,1,1-Trichloroethane	7.798	97	138800	56.168	ug/l	97
36) 1,1-Dichloropropene	8.010	75	113887	58.666	ug/l	99
37) Ethyl Acetate	7.169	43	38089	59.460	ug/l	98
38) Carbon Tetrachloride	7.992	117	124375	54.561	ug/l	99
39) Methylcyclohexane	9.275	83	147134	59.121	ug/l	94
40) Benzene	8.251	78	351897	56.215	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	22307	62.822	ug/l	93
42) 1,2-Dichloroethane	8.328	62	85566	58.647	ug/l	100
43) Isopropyl Acetate	8.363	43	68977	57.977	ug/l	98
44) Trichloroethene	9.028	130	94385	56.573	ug/l	91
45) 1,2-Dichloropropane	9.304	63	76817	55.707	ug/l	96
46) Dibromomethane	9.392	93	49537	56.604	ug/l	98
47) Bromodichloromethane	9.586	83	120616	55.697	ug/l	99
48) Methyl methacrylate	9.381	41	34582	62.619	ug/l	97
49) 1,4-Dioxane	9.386	88	10247	1215.329	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	187653	307.260	ug/l	99
52) Toluene	10.333	92	232298	57.199	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	110146	60.029	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	129412	58.740	ug/l	99
55) 1,1,2-Trichloroethane	10.733	97	66179	56.641	ug/l	98
56) Ethyl methacrylate	10.598	69	77005	63.723	ug/l	94
57) 1,3-Dichloropropane	10.880	76	105562	58.161	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	144283	301.177	ug/l	98
59) 2-Hexanone	10.922	43	133991	297.808	ug/l	96
60) Dibromochloromethane	11.075	129	89910	57.060	ug/l	100
61) 1,2-Dibromoethane	11.180	107	61316	56.103	ug/l	93
64) Tetrachloroethene	10.810	164	81709	57.016	ug/l	96
65) Chlorobenzene	11.604	112	262182	56.642	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.680	131	88347	55.261	ug/l	98
67) Ethyl Benzene	11.680	91	436404	59.065	ug/l	97
68) m/p-Xylenes	11.792	106	359335	118.253	ug/l	96
69) o-Xylene	12.122	106	167534	60.992	ug/l	99
70) Styrene	12.133	104	290476	59.641	ug/l	99
71) Bromoform	12.298	173	50840	59.022	ug/l #	98
73) Isopropylbenzene	12.422	105	412250	60.631	ug/l	100
74) N-amyl acetate	12.233	43	68476	64.181	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	70736	59.865	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	47483m	61.072	ug/l	
77) Bromobenzene	12.698	156	104278	60.133	ug/l	96
78) n-propylbenzene	12.763	91	494225	60.364	ug/l	99
79) 2-Chlorotoluene	12.851	91	271652	60.655	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	341933	60.402	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	24214	60.362	ug/l	95
82) 4-Chlorotoluene	12.945	91	289215	59.244	ug/l	99
83) tert-Butylbenzene	13.163	119	308658	61.287	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	355552	62.269	ug/l	100
85) sec-Butylbenzene	13.345	105	453985	60.992	ug/l	100
86) p-Isopropyltoluene	13.457	119	401778	62.189	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	217201	59.515	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	211437	58.244	ug/l	99
89) n-Butylbenzene	13.786	91	349079	61.179	ug/l	99
90) Hexachloroethane	14.051	117	76655	58.511	ug/l	98
91) 1,2-Dichlorobenzene	13.833	146	183293	58.791	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9554	58.691	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	113100	62.245	ug/l	96
94) Hexachlorobutadiene	15.204	225	58013	59.204	ug/l	99
95) Naphthalene	15.333	128	205635	64.465	ug/l	96
96) 1,2,3-Trichlorobenzene	15.521	180	101241	63.877	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat May 11 05:14:02 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

