

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051324\
 Data File : VD078912.D
 Acq On : 13 May 2024 16:45
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051324

Quant Time: May 14 06:29:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 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	163448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	263084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59833	39.026	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	78.060%	
35) Dibromofluoromethane	7.805	113	67480	38.532	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	77.060%	
50) Toluene-d8	10.269	98	262009	39.909	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	79.820%	
62) 4-Bromofluorobenzene	12.569	95	74454	40.369	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	80.740%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	71828	47.030	ug/l	96
3) Chloromethane	2.152	50	97637	47.457	ug/l	100
4) Vinyl Chloride	2.287	62	149653	45.933	ug/l	98
5) Bromomethane	2.693	94	149698	47.818	ug/l	97
6) Chloroethane	2.840	64	127019	43.447	ug/l	96
7) Trichlorofluoromethane	3.181	101	124978	39.043	ug/l	100
8) Diethyl Ether	3.593	74	39945	55.020	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.964	101	78609	46.505	ug/l	99
10) Methyl Iodide	4.169	142	102511	50.761	ug/l	100
11) Tert butyl alcohol	5.058	59	18460	276.383	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	78130	47.219	ug/l	96
13) Acrolein	3.799	56	31767	208.144	ug/l	98
14) Allyl chloride	4.564	41	79979	49.537	ug/l	99
15) Acrylonitrile	5.246	53	74681	252.001	ug/l	97
16) Acetone	4.022	43	67382	275.644	ug/l	97
17) Carbon Disulfide	4.269	76	230164	47.716	ug/l	99
18) Methyl Acetate	4.558	43	27092	48.133	ug/l	100
19) Methyl tert-butyl Ether	5.322	73	169725	52.644	ug/l	95
20) Methylene Chloride	4.805	84	105099	54.576	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	88112	47.777	ug/l	98
22) Diisopropyl ether	6.216	45	190010	52.033	ug/l	96
23) Vinyl Acetate	6.158	43	591472	270.046	ug/l	100
24) 1,1-Dichloroethane	6.116	63	135677	46.868	ug/l	98
25) 2-Butanone	7.075	43	87852	268.704	ug/l	94
26) 2,2-Dichloropropane	7.075	77	121302	47.682	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	105444	48.691	ug/l	99
28) Bromochloromethane	7.422	49	48161	49.886	ug/l	98
29) Tetrahydrofuran	7.446	42	49205	260.197	ug/l	98
30) Chloroform	7.593	83	154291	47.057	ug/l	97
31) Cyclohexane	7.881	56	100859	45.028	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	131653	46.887	ug/l	99
36) 1,1-Dichloropropene	8.010	75	104658	48.024	ug/l	98
37) Ethyl Acetate	7.169	43	36761	49.497	ug/l	99
38) Carbon Tetrachloride	7.993	117	119669	46.923	ug/l	99
39) Methylcyclohexane	9.275	83	133414	50.385	ug/l	95
40) Benzene	8.252	78	335965	47.664	ug/l	98

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41) Methacrylonitrile	7.399	41	19092	47.774	ug/l	97
42) 1,2-Dichloroethane	8.328	62	81956	48.037	ug/l	98
43) Isopropyl Acetate	8.363	43	71182	54.016	ug/l	99
44) Trichloroethene	9.028	130	90036	48.158	ug/l	95
45) 1,2-Dichloropropane	9.304	63	73094	47.190	ug/l	95
46) Dibromomethane	9.393	93	48119	47.190	ug/l	97
47) Bromodichloromethane	9.587	83	117457	47.853	ug/l	98
48) Methyl methacrylate	9.375	41	33581	52.346	ug/l	93
49) 1,4-Dioxane	9.387	88	10422	1161.940	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	186118	265.159	ug/l	100
52) Toluene	10.334	92	218711	48.474	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	106615	51.116	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	126526	50.541	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	65719	49.886	ug/l	95
56) Ethyl methacrylate	10.598	69	75146	55.443	ug/l	98
57) 1,3-Dichloropropane	10.881	76	101420	49.441	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	135197	232.152	ug/l	99
59) 2-Hexanone	10.922	43	134012	274.299	ug/l	95
60) Dibromochloromethane	11.069	129	87698	48.834	ug/l	97
61) 1,2-Dibromoethane	11.175	107	60317	50.216	ug/l	95
64) Tetrachloroethene	10.810	164	76598	48.499	ug/l	94
65) Chlorobenzene	11.604	112	254056	49.064	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	87182	48.702	ug/l	98
67) Ethyl Benzene	11.681	91	413733	49.676	ug/l	99
68) m/p-Xylenes	11.793	106	345375	101.997	ug/l	98
69) o-Xylene	12.122	106	161047	52.169	ug/l	98
70) Styrene	12.134	104	284073	51.922	ug/l	99
71) Bromoform	12.298	173	50980	49.716	ug/l #	98
73) Isopropylbenzene	12.422	105	399644	52.555	ug/l	99
74) N-amyl acetate	12.234	43	67338	54.575	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	67678	49.340	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	45034m	50.208	ug/l	
77) Bromobenzene	12.698	156	100575	50.296	ug/l	99
78) n-propylbenzene	12.763	91	474310	51.605	ug/l	100
79) 2-Chlorotoluene	12.851	91	262955	51.474	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	337632	53.442	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	25632	56.669	ug/l	97
82) 4-Chlorotoluene	12.945	91	275859	51.473	ug/l	99
83) tert-Butylbenzene	13.163	119	300836	53.842	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	348166	53.203	ug/l	100
85) sec-Butylbenzene	13.345	105	433803	52.048	ug/l	99
86) p-Isopropyltoluene	13.457	119	390802	53.818	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	213803	50.526	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	206349	49.794	ug/l	99
89) n-Butylbenzene	13.787	91	338050	51.953	ug/l	98
90) Hexachloroethane	14.051	117	74486	48.629	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	178525	50.423	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8957	49.050	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	112943	54.330	ug/l	98
94) Hexachlorobutadiene	15.204	225	56510	52.015	ug/l	95
95) Naphthalene	15.328	128	208929	59.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	104007	56.243	ug/l	95

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

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