

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078577.D
 Acq On : 01 Mar 2024 14:05
 Operator : RP/MD
 Sample : VSTDICC100
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 02 03:38:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	161734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	257815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	251976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	142375	88.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 177.600%#			
35) Dibromofluoromethane	7.805	113	159984	95.395	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 190.780%#			
50) Toluene-d8	10.269	98	643334	98.720	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 197.440%#			
62) 4-Bromofluorobenzene	12.569	95	191042	102.639	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 205.280%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	114865	94.694	ug/l	97
3) Chloromethane	2.152	50	212668	97.688	ug/l	100
4) Vinyl Chloride	2.281	62	341476	85.896	ug/l	100
5) Bromomethane	2.681	94	270788	85.285	ug/l	100
6) Chloroethane	2.834	64	256931	87.198	ug/l	99
7) Trichlorofluoromethane	3.169	101	229520	85.382	ug/l	97
8) Diethyl Ether	3.599	74	71553	94.793	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	142912	84.353	ug/l	99
10) Methyl Iodide	4.164	142	175343	98.903	ug/l	93
11) Tert butyl alcohol	5.063	59	35726	476.883	ug/l	98
12) 1,1-Dichloroethene	3.940	96	143206	90.543	ug/l	90
13) Acrolein	3.799	56	77340	486.414	ug/l	97
14) Allyl chloride	4.558	41	165319	91.770	ug/l	94
15) Acrylonitrile	5.252	53	145442	467.363	ug/l	99
16) Acetone	4.022	43	133465	434.521	ug/l	93
17) Carbon Disulfide	4.269	76	455897	86.516	ug/l	100
18) Methyl Acetate	4.569	43	59537	102.406	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	315835	98.213	ug/l	99
20) Methylene Chloride	4.799	84	180804	95.784	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	170239	89.581	ug/l	93
22) Diisopropyl ether	6.222	45	382265	94.644	ug/l	97
23) Vinyl Acetate	6.158	43	1172611	488.831	ug/l	96
24) 1,1-Dichloroethane	6.116	63	265338	86.958	ug/l	96
25) 2-Butanone	7.081	43	182660	471.442	ug/l	88
26) 2,2-Dichloropropane	7.075	77	230069	89.251	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	193618	93.046	ug/l	98
28) Bromochloromethane	7.428	49	103505	90.799	ug/l	92
29) Tetrahydrofuran	7.446	42	102024	473.969	ug/l	97
30) Chloroform	7.599	83	292686	88.837	ug/l	100
31) Cyclohexane	7.875	56	210949	84.064	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	252633	89.385	ug/l	98
36) 1,1-Dichloropropene	8.010	75	226777	97.719	ug/l	98
37) Ethyl Acetate	7.163	43	71351	94.888	ug/l	98
38) Carbon Tetrachloride	7.993	117	232611	95.831	ug/l	96
39) Methylcyclohexane	9.275	83	264815	97.223	ug/l	96
40) Benzene	8.252	78	668837	97.233	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	38624	95.835	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	163961	93.956	ug/l	97
43) Isopropyl Acetate	8.363	43	140098	97.181	ug/l	95
44) Trichloroethene	9.028	130	178469	94.547	ug/l	97
45) 1,2-Dichloropropane	9.304	63	157562	95.354	ug/l	97
46) Dibromomethane	9.393	93	92330	96.926	ug/l	96
47) Bromodichloromethane	9.587	83	226457	96.413	ug/l	98
48) Methyl methacrylate	9.381	41	66255	101.457	ug/l	88
49) 1,4-Dioxane	9.387	88	20402	1866.683	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	376776	506.358	ug/l	96
52) Toluene	10.334	92	449717	101.891	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	216018	99.415	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	260251	100.033	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	129839	96.799	ug/l	96
56) Ethyl methacrylate	10.598	69	143446	106.699	ug/l #	93
57) 1,3-Dichloropropane	10.881	76	209977	96.602	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	336062	499.370	ug/l	99
59) 2-Hexanone	10.922	43	278197	504.066	ug/l	95
60) Dibromochloromethane	11.075	129	161998	100.023	ug/l	97
61) 1,2-Dibromoethane	11.181	107	125395	101.864	ug/l	100
64) Tetrachloroethene	10.810	164	149409	94.239	ug/l	95
65) Chlorobenzene	11.604	112	472216	95.166	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	180414	97.665	ug/l	96
67) Ethyl Benzene	11.681	91	868134	100.972	ug/l	100
68) m/p-Xylenes	11.793	106	701603	201.709	ug/l	95
69) o-Xylene	12.122	106	328424	104.082	ug/l	96
70) Styrene	12.134	104	565868	103.459	ug/l	99
71) Bromoform	12.298	173	96338	98.031	ug/l #	99
73) Isopropylbenzene	12.422	105	822607	94.147	ug/l	98
74) N-amyl acetate	12.234	43	139807	95.066	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	143679	85.839	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	87424m	82.858	ug/l	
77) Bromobenzene	12.698	156	201096	95.167	ug/l	98
78) n-propylbenzene	12.763	91	997824	93.363	ug/l	98
79) 2-Chlorotoluene	12.845	91	531255	92.632	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	696095	97.906	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	46748	95.051	ug/l	100
82) 4-Chlorotoluene	12.945	91	566825	92.739	ug/l	100
83) tert-Butylbenzene	13.163	119	576389	94.151	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	715211	98.418	ug/l	97
85) sec-Butylbenzene	13.345	105	895521	93.766	ug/l	97
86) p-Isopropyltoluene	13.457	119	787008	97.887	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	428041	94.803	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	410290	90.700	ug/l	99
89) n-Butylbenzene	13.787	91	700372	93.215	ug/l	98
90) Hexachloroethane	14.051	117	142977	87.460	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	350848	91.479	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19579	87.755	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	212822	93.710	ug/l	99
94) Hexachlorobutadiene	15.198	225	112923	90.369	ug/l	98
95) Naphthalene	15.328	128	400589	99.820	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	187396	92.911	ug/l	99

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

