

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122623\
 Data File : VD078079.D
 Acq On : 26 Dec 2023 12:57
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

Quant Time: Dec 27 02:09:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 02:01:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	160739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	263590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65467	45.774	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.540%		
35) Dibromofluoromethane	7.810	113	73720	43.466	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.940%		
50) Toluene-d8	10.269	98	274345	45.971	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.940%		
62) 4-Bromofluorobenzene	12.575	95	86885	45.248	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	90.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	62473	45.349	ug/l	97
3) Chloromethane	2.152	50	94025	49.491	ug/l	99
4) Vinyl Chloride	2.287	62	146077	51.011	ug/l	98
5) Bromomethane	2.699	94	107907	46.997	ug/l	98
6) Chloroethane	2.846	64	104665	49.738	ug/l	99
7) Trichlorofluoromethane	3.181	101	134361	48.747	ug/l	97
8) Diethyl Ether	3.593	74	36032	47.673	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.975	101	82723	48.186	ug/l	98
10) Methyl Iodide	4.163	142	88246	54.702	ug/l	94
11) Tert butyl alcohol	5.040	59	18150	284.658	ug/l #	91
12) 1,1-Dichloroethene	3.951	96	75441	49.665	ug/l	90
13) Acrolein	3.804	56	14381	190.916	ug/l	97
14) Allyl chloride	4.563	41	86881	47.319	ug/l	89
15) Acrylonitrile	5.251	53	78161	247.219	ug/l	97
16) Acetone	4.022	43	69068	235.482	ug/l	90
17) Carbon Disulfide	4.275	76	199207	53.075	ug/l	96
18) Methyl Acetate	4.569	43	61896	52.805	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	168657	50.166	ug/l	97
20) Methylene Chloride	4.804	84	90474	51.732	ug/l	88
21) trans-1,2-Dichloroethene	5.322	96	87770	50.266	ug/l	89
22) Diisopropyl ether	6.216	45	208091	50.740	ug/l	95
23) Vinyl Acetate	6.157	43	386846	202.711	ug/l	93
24) 1,1-Dichloroethane	6.122	63	146880	48.396	ug/l	95
25) 2-Butanone	7.087	43	92173	243.041	ug/l	92
26) 2,2-Dichloropropane	7.087	77	133740	49.049	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	102947	49.696	ug/l	94
28) Bromochloromethane	7.428	49	57887	53.312	ug/l	92
29) Tetrahydrofuran	7.445	42	52297	236.210	ug/l	96
30) Chloroform	7.598	83	164084	49.888	ug/l	100
31) Cyclohexane	7.875	56	113117	49.579	ug/l	92
32) 1,1,1-Trichloroethane	7.798	97	141700	50.130	ug/l	99
36) 1,1-Dichloropropene	8.010	75	119216	49.958	ug/l	97
37) Ethyl Acetate	7.169	43	37807	47.635	ug/l	98
38) Carbon Tetrachloride	7.998	117	126437	48.895	ug/l	97
39) Methylcyclohexane	9.275	83	135650	49.581	ug/l	95
40) Benzene	8.251	78	345743	50.268	ug/l	96

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41) Methacrylonitrile	7.404	41	23768	47.285	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	92720	49.883	ug/l	96
43) Isopropyl Acetate	8.363	43	77036	48.481	ug/l	94
44) Trichloroethene	9.034	130	97227	49.135	ug/l	98
45) 1,2-Dichloropropane	9.304	63	87250	50.062	ug/l	99
46) Dibromomethane	9.398	93	49749	50.965	ug/l	95
47) Bromodichloromethane	9.586	83	123151	48.569	ug/l	94
48) Methyl methacrylate	9.381	41	44570	49.770	ug/l	83
49) 1,4-Dioxane	9.386	88	9250	1002.402	ug/l #	87
51) 4-Methyl-2-Pentanone	10.163	43	199482	244.662	ug/l	94
52) Toluene	10.334	92	225392	50.525	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	116003	50.424	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	137864	49.902	ug/l #	91
55) 1,1,2-Trichloroethane	10.733	97	67784	49.346	ug/l	95
56) Ethyl methacrylate	10.598	69	55203	50.640	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	112076	49.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	143476	303.996	ug/l	97
59) 2-Hexanone	10.922	43	142999	225.790	ug/l	94
60) Dibromochloromethane	11.075	129	88089	50.338	ug/l	94
61) 1,2-Dibromoethane	11.181	107	65187	49.498	ug/l	99
64) Tetrachloroethene	10.810	164	78321	48.902	ug/l	97
65) Chlorobenzene	11.610	112	247200	49.092	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	93764	49.197	ug/l	98
67) Ethyl Benzene	11.686	91	442256	50.379	ug/l	96
68) m/p-Xylenes	11.792	106	346412	101.393	ug/l	92
69) o-Xylene	12.122	106	160041	50.260	ug/l	93
70) Styrene	12.133	104	247084	52.555	ug/l	97
71) Bromoform	12.298	173	50696	48.214	ug/l #	100
73) Isopropylbenzene	12.422	105	432788	49.292	ug/l	96
74) N-amyl acetate	12.233	43	70202	48.164	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	76671	48.047	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	52817m	51.288	ug/l	
77) Bromobenzene	12.704	156	103714	48.557	ug/l	95
78) n-propylbenzene	12.763	91	515191	48.747	ug/l	97
79) 2-Chlorotoluene	12.851	91	277860	48.608	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	363341	50.033	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	23456	46.995	ug/l	97
82) 4-Chlorotoluene	12.945	91	302814	49.409	ug/l	96
83) tert-Butylbenzene	13.169	119	319208	49.069	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	363795	49.182	ug/l	98
85) sec-Butylbenzene	13.345	105	457833	49.295	ug/l	98
86) p-Isopropyltoluene	13.463	119	403853	48.589	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	216804	49.059	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	213217	49.193	ug/l	98
89) n-Butylbenzene	13.786	91	370894	48.616	ug/l	99
90) Hexachloroethane	14.051	117	80668	48.547	ug/l	100
91) 1,2-Dichlorobenzene	13.827	146	186488	49.137	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	10890	48.726	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	117580	47.452	ug/l	98
94) Hexachlorobutadiene	15.204	225	65919	47.350	ug/l	98
95) Naphthalene	15.333	128	205070	48.613	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	101402	48.229	ug/l	99

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

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