

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078576.D
 Acq On : 01 Mar 2024 13:38
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Mar 02 03:38:02 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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	243151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	227461	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	121570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66043	44.895	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.800%		
35) Dibromofluoromethane	7.810	113	75167	47.523	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.040%		
50) Toluene-d8	10.269	98	300145	48.835	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.660%		
62) 4-Bromofluorobenzene	12.569	95	86529	49.292	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	57476	49.564	ug/l	100
3) Chloromethane	2.152	50	109159	52.372	ug/l	99
4) Vinyl Chloride	2.281	62	170720	46.802	ug/l	100
5) Bromomethane	2.693	94	127785	43.863	ug/l	98
6) Chloroethane	2.834	64	125130	46.283	ug/l	96
7) Trichlorofluoromethane	3.175	101	111646	45.265	ug/l	97
8) Diethyl Ether	3.593	74	31839	45.971	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	70577	45.401	ug/l	96
10) Methyl Iodide	4.163	142	82615	50.787	ug/l	93
11) Tert butyl alcohol	5.057	59	15524	223.786	ug/l	98
12) 1,1-Dichloroethene	3.940	96	69380	47.808	ug/l	94
13) Acrolein	3.799	56	36982	253.493	ug/l	99
14) Allyl chloride	4.563	41	79006	47.798	ug/l	94
15) Acrylonitrile	5.257	53	65860	230.653	ug/l	97
16) Acetone	4.028	43	63878	226.656	ug/l #	86
17) Carbon Disulfide	4.269	76	225992	46.741	ug/l	96
18) Methyl Acetate	4.569	43	28481	53.391	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	140261	47.535	ug/l	96
20) Methylene Chloride	4.804	84	98307	51.224	ug/l	91
21) trans-1,2-Dichloroethene	5.316	96	82883	47.533	ug/l	98
22) Diisopropyl ether	6.222	45	180868	48.805	ug/l	95
23) Vinyl Acetate	6.157	43	533915	242.578	ug/l	94
24) 1,1-Dichloroethane	6.110	63	134048	47.879	ug/l	96
25) 2-Butanone	7.087	43	80880	227.509	ug/l	89
26) 2,2-Dichloropropane	7.075	77	110925	46.898	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	90995	47.659	ug/l	98
28) Bromochloromethane	7.428	49	53843	51.478	ug/l	91
29) Tetrahydrofuran	7.445	42	46910	237.513	ug/l	93
30) Chloroform	7.598	83	142078	46.999	ug/l	99
31) Cyclohexane	7.881	56	106310	46.172	ug/l	92
32) 1,1,1-Trichloroethane	7.792	97	122278	47.152	ug/l	99
36) 1,1-Dichloropropene	8.010	75	108401	49.527	ug/l	97
37) Ethyl Acetate	7.169	43	35075	49.459	ug/l	97
38) Carbon Tetrachloride	7.992	117	110070	48.082	ug/l	98
39) Methylcyclohexane	9.275	83	134602	52.397	ug/l	97
40) Benzene	8.251	78	320801	49.449	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	19401	51.041	ug/l	93
42) 1,2-Dichloroethane	8.322	62	78358	47.610	ug/l	98
43) Isopropyl Acetate	8.363	43	62870	46.241	ug/l #	81
44) Trichloroethene	9.028	130	84754	47.608	ug/l	87
45) 1,2-Dichloropropane	9.304	63	76443	49.052	ug/l	95
46) Dibromomethane	9.392	93	43599	48.529	ug/l	92
47) Bromodichloromethane	9.586	83	106499	48.076	ug/l	96
48) Methyl methacrylate	9.381	41	29368	47.684	ug/l	89
49) 1,4-Dioxane	9.386	88	8988	914.453	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	169092	240.952	ug/l	94
52) Toluene	10.334	92	213362	51.256	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	98521	48.075	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	119472	48.691	ug/l #	93
55) 1,1,2-Trichloroethane	10.733	97	59100	46.718	ug/l	97
56) Ethyl methacrylate	10.598	69	63066	49.739	ug/l	95
57) 1,3-Dichloropropane	10.881	76	98449	48.024	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	131004	243.481	ug/l	98
59) 2-Hexanone	10.922	43	124484	239.156	ug/l	94
60) Dibromochloromethane	11.075	129	74670	48.884	ug/l	99
61) 1,2-Dibromoethane	11.181	107	56310	48.502	ug/l	100
64) Tetrachloroethene	10.810	164	72757	50.837	ug/l	98
65) Chlorobenzene	11.604	112	224778	50.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.680	131	80282	48.144	ug/l	98
67) Ethyl Benzene	11.686	91	398407	51.333	ug/l	96
68) m/p-Xylenes	11.792	106	330655	105.308	ug/l	97
69) o-Xylene	12.122	106	148016	51.964	ug/l	94
70) Styrene	12.133	104	261211	52.905	ug/l	99
71) Bromoform	12.298	173	42072	47.425	ug/l #	99
73) Isopropylbenzene	12.422	105	394604	51.205	ug/l	95
74) N-amyl acetate	12.233	43	61946	47.758	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	66749	45.214	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	42654m	45.835	ug/l	
77) Bromobenzene	12.698	156	91751	49.230	ug/l	98
78) n-propylbenzene	12.763	91	480480	50.972	ug/l	97
79) 2-Chlorotoluene	12.845	91	255647	50.540	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	325703	51.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	19815	45.680	ug/l	97
82) 4-Chlorotoluene	12.945	91	269794	50.047	ug/l	97
83) tert-Butylbenzene	13.163	119	291051	53.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	334757	52.228	ug/l	98
85) sec-Butylbenzene	13.345	105	445044	52.833	ug/l	96
86) p-Isopropyltoluene	13.457	119	378624	53.394	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	197909	49.698	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	191223	47.929	ug/l	97
89) n-Butylbenzene	13.786	91	347421	52.426	ug/l	99
90) Hexachloroethane	14.051	117	72754	50.459	ug/l	93
91) 1,2-Dichlorobenzene	13.827	146	168301	49.754	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	8515	43.272	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	100031	49.939	ug/l	99
94) Hexachlorobutadiene	15.204	225	55773	50.605	ug/l	99
95) Naphthalene	15.333	128	174334	49.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	87936	49.432	ug/l	99

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

