

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041823\
 Data File : VD075716.D
 Acq On : 18 Apr 2023 09:23
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 19 01:20:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/19/2023
 Supervised By :Mahesh Dadoda 04/27/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	204090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	335229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	310702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	155592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	87237	45.032	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.060%		
35) Dibromofluoromethane	7.810	113	111401	49.407	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.820%		
50) Toluene-d8	10.269	98	447213	49.529	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.575	95	122440	51.017	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	100125	52.799	ug/l	100
3) Chloromethane	2.152	50	150566	43.972	ug/l	94
4) Vinyl Chloride	2.287	62	217633	47.897	ug/l	99
5) Bromomethane	2.693	94	161894	45.633	ug/l	96
6) Chloroethane	2.840	64	138167	45.163	ug/l	99
7) Trichlorofluoromethane	3.175	101	184772	52.482	ug/l	99
8) Diethyl Ether	3.593	74	50839	46.396	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.969	101	119761	54.246	ug/l	94
10) Methyl Iodide	4.164	142	152716	50.543	ug/l	91
11) Tert butyl alcohol	5.052	59	20358	209.396	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	118919	52.022	ug/l	84
13) Acrolein	3.793	56	50994	260.031	ug/l	97
14) Allyl chloride	4.564	41	102711	49.336	ug/l #	79
15) Acrylonitrile	5.252	53	99500	243.117	ug/l	97
16) Acetone	4.022	43	96438	271.736	ug/l #	84
17) Carbon Disulfide	4.269	76	356910	47.712	ug/l	99
18) Methyl Acetate	4.564	43	56651	47.336	ug/l #	68
19) Methyl tert-butyl Ether	5.316	73	214711	48.398	ug/l	99
20) Methylene Chloride	4.799	84	132619	48.137	ug/l #	76
21) trans-1,2-Dichloroethene	5.311	96	137285	50.426	ug/l #	74
22) Diisopropyl ether	6.216	45	238356	50.668	ug/l #	88
23) Vinyl Acetate	6.158	43	575084	263.190	ug/l #	86
24) 1,1-Dichloroethane	6.116	63	193373	49.607	ug/l	95
25) 2-Butanone	7.081	43	117563	257.279	ug/l #	74
26) 2,2-Dichloropropane	7.075	77	171374	48.493	ug/l	89
27) cis-1,2-Dichloroethene	7.075	96	148669	49.296	ug/l	80
28) Bromochloromethane	7.428	49	59532	48.313	ug/l #	46
29) Tetrahydrofuran	7.446	42	63700	254.917	ug/l #	57
30) Chloroform	7.599	83	220291	49.850	ug/l	94
31) Cyclohexane	7.881	56	158588	52.168	ug/l #	78
32) 1,1,1-Trichloroethane	7.793	97	185595	51.506	ug/l	95
36) 1,1-Dichloropropene	8.010	75	166032	53.376	ug/l	93
37) Ethyl Acetate	7.169	43	49799	52.606	ug/l #	82
38) Carbon Tetrachloride	7.993	117	154147	56.274	ug/l	98
39) Methylcyclohexane	9.275	83	210455	58.510	ug/l	91
40) Benzene	8.252	78	507510	52.483	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	28223	62.128	ug/l #	70
42) 1,2-Dichloroethane	8.328	62	113573	51.708	ug/l	90
43) Isopropyl Acetate	8.363	43	87482	50.679	ug/l #	80
44) Trichloroethene	9.028	130	143742	52.524	ug/l	91
45) 1,2-Dichloropropane	9.304	63	112883	52.092	ug/l	94
46) Dibromomethane	9.393	93	69848	50.808	ug/l	98
47) Bromodichloromethane	9.587	83	164204	52.217	ug/l	96
48) Methyl methacrylate	9.381	41	41296	53.697	ug/l #	57
49) 1,4-Dioxane	9.387	88	13504	990.079	ug/l #	73
51) 4-Methyl-2-Pentanone	10.157	43	233026	253.188	ug/l #	77
52) Toluene	10.334	92	332071	51.644	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	148406	49.231	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	182182	50.865	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	98525	49.498	ug/l	93
56) Ethyl methacrylate	10.599	69	98568	50.318	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	149847	49.588	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	203518	241.916	ug/l #	86
59) 2-Hexanone	10.922	43	178615	276.012	ug/l	72
60) Dibromochloromethane	11.075	129	116714	50.110	ug/l	100
61) 1,2-Dibromoethane	11.181	107	90420	47.620	ug/l	96
64) Tetrachloroethene	10.810	164	118784	53.085	ug/l	97
65) Chlorobenzene	11.610	112	352009	52.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	123660	54.051	ug/l	96
67) Ethyl Benzene	11.687	91	609351	56.419	ug/l	95
68) m/p-Xylenes	11.798	106	511333	115.523	ug/l	89
69) o-Xylene	12.122	106	232262	58.032	ug/l	90
70) Styrene	12.140	104	400910	54.499	ug/l	93
71) Bromoform	12.304	173	65918	55.118	ug/l #	98
73) Isopropylbenzene	12.422	105	589024	57.682	ug/l	98
74) N-amyl acetate	12.234	43	81128	54.066	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	102530	51.688	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	59839m	47.160	ug/l	
77) Bromobenzene	12.704	156	141069	53.586	ug/l	88
78) n-propylbenzene	12.769	91	717236	57.301	ug/l	97
79) 2-Chlorotoluene	12.851	91	379613	53.471	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	481855	56.603	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	32197	54.998	ug/l #	70
82) 4-Chlorotoluene	12.951	91	394308	53.415	ug/l	91
83) tert-Butylbenzene	13.169	119	411763	57.365	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	479672	56.154	ug/l	94
85) sec-Butylbenzene	13.351	105	647804	58.501	ug/l	97
86) p-Isopropyltoluene	13.463	119	531934	57.703	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	292281	53.368	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	286015	52.862	ug/l	97
89) n-Butylbenzene	13.792	91	489498	57.645	ug/l	99
90) Hexachloroethane	14.057	117	100403	54.817	ug/l	100
91) 1,2-Dichlorobenzene	13.834	146	247332	52.719	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12641	47.537	ug/l	72
93) 1,2,4-Trichlorobenzene	15.104	180	136987	50.190	ug/l	97
94) Hexachlorobutadiene	15.210	225	68225	52.298	ug/l	96
95) Naphthalene	15.339	128	263142	50.890	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	118535	49.342	ug/l	99

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

