

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\
 Data File : VD076117.D
 Acq On : 15 May 2023 17:33
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD051523

Quant Time: May 16 10:12:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:07:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	270157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	424484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	387804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	190466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	119222	45.661	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.320%		
35) Dibromofluoromethane	7.804	113	140242	47.797	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.600%		
50) Toluene-d8	10.269	98	566357	49.516	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.040%		
62) 4-Bromofluorobenzene	12.575	95	156606	49.289	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	118452	48.616	ug/l	98
3) Chloromethane	2.146	50	209084	52.471	ug/l	97
4) Vinyl Chloride	2.275	62	244829	46.592	ug/l	99
5) Bromomethane	2.681	94	149262	42.191	ug/l	96
6) Chloroethane	2.828	64	162696	46.021	ug/l	96
7) Trichlorofluoromethane	3.169	101	206817	46.435	ug/l	98
8) Diethyl Ether	3.587	74	73244	50.006	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.958	101	137859	46.990	ug/l	94
10) Methyl Iodide	4.158	142	168716	55.309	ug/l #	86
11) Tert butyl alcohol	5.063	59	39626	286.902	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	142944	48.956	ug/l	91
13) Acrolein	3.793	56	85786	253.781	ug/l	97
14) Allyl chloride	4.558	41	151550	51.142	ug/l #	79
15) Acrylonitrile	5.252	53	160579	264.782	ug/l	97
16) Acetone	4.022	43	128125	246.636	ug/l #	83
17) Carbon Disulfide	4.263	76	398436	50.441	ug/l	95
18) Methyl Acetate	4.563	43	98365	53.081	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	305893	53.525	ug/l	99
20) Methylene Chloride	4.793	84	186600	44.195	ug/l #	79
21) trans-1,2-Dichloroethene	5.305	96	160538	47.706	ug/l #	80
22) Diisopropyl ether	6.216	45	362124	52.647	ug/l #	89
23) Vinyl Acetate	6.152	43	752676m	278.306	ug/l	
24) 1,1-Dichloroethane	6.105	63	263540	48.583	ug/l	97
25) 2-Butanone	7.081	43	173382	265.439	ug/l #	76
26) 2,2-Dichloropropane	7.075	77	210829	47.664	ug/l	91
27) cis-1,2-Dichloroethene	7.075	96	184488	49.404	ug/l	85
28) Bromochloromethane	7.428	49	81505	45.061	ug/l #	61
29) Tetrahydrofuran	7.440	42	107163	281.475	ug/l #	69
30) Chloroform	7.593	83	269469	46.452	ug/l	100
31) Cyclohexane	7.875	56	195764	48.956	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	218545	47.274	ug/l	96
36) 1,1-Dichloropropene	8.004	75	200712	50.651	ug/l	96
37) Ethyl Acetate	7.169	43	75587	55.085	ug/l #	83
38) Carbon Tetrachloride	7.987	117	176260	49.244	ug/l	95
39) Methylcyclohexane	9.269	83	235299	51.575	ug/l	93
40) Benzene	8.252	78	616656	48.403	ug/l	98

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41) Methacrylonitrile	7.404	41	36617	48.667	ug/l #	67
42) 1,2-Dichloroethane	8.322	62	148484	49.275	ug/l	92
43) Isopropyl Acetate	8.357	43	138101	53.876	ug/l #	85
44) Trichloroethene	9.022	130	174800	48.685	ug/l	88
45) 1,2-Dichloropropane	9.304	63	149959	47.720	ug/l	95
46) Dibromomethane	9.393	93	85891	48.762	ug/l	90
47) Bromodichloromethane	9.581	83	203277	48.018	ug/l	98
48) Methyl methacrylate	9.381	41	64420	56.784	ug/l #	62
49) 1,4-Dioxane	9.381	88	21579	1145.622	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	386235	283.312	ug/l #	83
52) Toluene	10.334	92	391346	49.183	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	197344	51.723	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	238338	51.186	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	125849	49.822	ug/l	93
56) Ethyl methacrylate	10.598	69	142849	56.263	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	199475	50.336	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	340899	279.840	ug/l	92
59) 2-Hexanone	10.922	43	272820	283.766	ug/l	75
60) Dibromochloromethane	11.075	129	141334	49.762	ug/l	100
61) 1,2-Dibromoethane	11.181	107	115749	51.513	ug/l	100
64) Tetrachloroethene	10.810	164	145508	48.794	ug/l	93
65) Chlorobenzene	11.610	112	426783	48.341	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	144132	47.439	ug/l	96
67) Ethyl Benzene	11.687	91	725593	51.433	ug/l	98
68) m/p-Xylenes	11.793	106	586655	101.749	ug/l	91
69) o-Xylene	12.122	106	268059	50.952	ug/l	94
70) Styrene	12.134	104	467028	51.202	ug/l	95
71) Bromoform	12.298	173	83719	48.988	ug/l #	96
73) Isopropylbenzene	12.422	105	680847	54.037	ug/l	97
74) N-amyl acetate	12.234	43	133224	59.363	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	139342	51.457	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	77427m	46.454	ug/l	
77) Bromobenzene	12.704	156	171233	50.705	ug/l	92
78) n-propylbenzene	12.763	91	847272	54.025	ug/l	98
79) 2-Chlorotoluene	12.851	91	460196	53.020	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	558023	53.425	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	44445	55.941	ug/l #	73
82) 4-Chlorotoluene	12.945	91	480303	52.024	ug/l	96
83) tert-Butylbenzene	13.169	119	481408	54.537	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	560676	53.901	ug/l	96
85) sec-Butylbenzene	13.345	105	738149	53.657	ug/l	98
86) p-Isopropyltoluene	13.463	119	597078	53.043	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	335371	49.117	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	331065	48.968	ug/l	96
89) n-Butylbenzene	13.787	91	579260	54.607	ug/l	99
90) Hexachloroethane	14.051	117	113586	49.057	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	300332	50.122	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	18377	52.266	ug/l	78
93) 1,2,4-Trichlorobenzene	15.098	180	192870	55.336	ug/l	97
94) Hexachlorobutadiene	15.204	225	93815	52.791	ug/l	96
95) Naphthalene	15.333	128	382150	59.008	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	173199	54.639	ug/l	98

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

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