

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060123\
 Data File : VD076309.D
 Acq On : 01 Jun 2023 21:14
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD060123

Quant Time: Jun 02 05:54:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 05:50:45 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/02/2023
 Supervised By :Mahesh Dadoda 06/02/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	212152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	352533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	338281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	176143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102612	49.630	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.260%		
35) Dibromofluoromethane	7.805	113	117387	50.443	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.880%		
50) Toluene-d8	10.269	98	464175	51.733	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.460%		
62) 4-Bromofluorobenzene	12.575	95	131344	52.483	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	91911	47.565	ug/l	99
3) Chloromethane	2.146	50	208138	49.734	ug/l	100
4) Vinyl Chloride	2.275	62	243112	47.683	ug/l	100
5) Bromomethane	2.675	94	127584	52.240	ug/l	99
6) Chloroethane	2.822	64	154669	49.551	ug/l	97
7) Trichlorofluoromethane	3.158	101	165362	47.279	ug/l	100
8) Diethyl Ether	3.587	74	64547	52.015	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	110214	48.428	ug/l	99
10) Methyl Iodide	4.152	142	137570	51.708	ug/l	99
11) Tert butyl alcohol	5.058	59	33078	251.307	ug/l	97
12) 1,1-Dichloroethene	3.928	96	113186	47.895	ug/l	92
13) Acrolein	3.793	56	32538	243.911	ug/l	100
14) Allyl chloride	4.552	41	115711	49.418	ug/l	97
15) Acrylonitrile	5.252	53	131656	256.519	ug/l	99
16) Acetone	4.022	43	78024	245.405	ug/l	100
17) Carbon Disulfide	4.258	76	375788	47.759	ug/l	96
18) Methyl Acetate	4.558	43	87754	50.392	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	260418	54.607	ug/l	96
20) Methylene Chloride	4.793	84	152815	53.870	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	138431	50.412	ug/l	99
22) Diisopropyl ether	6.210	45	290879	52.343	ug/l	99
23) Vinyl Acetate	6.152	43	702498	268.352	ug/l	96
24) 1,1-Dichloroethane	6.111	63	212343	48.766	ug/l	98
25) 2-Butanone	7.081	43	133666	247.761	ug/l	92
26) 2,2-Dichloropropane	7.069	77	152761	44.399	ug/l	100
27) cis-1,2-Dichloroethene	7.075	96	155688	51.743	ug/l	98
28) Bromochloromethane	7.422	49	82674	49.347	ug/l	98
29) Tetrahydrofuran	7.446	42	91024	274.575	ug/l	98
30) Chloroform	7.593	83	222402	48.549	ug/l	100
31) Cyclohexane	7.875	56	156423	49.151	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	172701	48.245	ug/l	99
36) 1,1-Dichloropropene	8.005	75	162223	50.408	ug/l	99
37) Ethyl Acetate	7.163	43	64776	53.083	ug/l	98
38) Carbon Tetrachloride	7.987	117	140155	50.572	ug/l	98
39) Methylcyclohexane	9.275	83	193856	53.462	ug/l	99
40) Benzene	8.246	78	522638	51.168	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	33237	53.988	ug/l	92
42) 1,2-Dichloroethane	8.328	62	127481	51.356	ug/l	99
43) Isopropyl Acetate	8.357	43	114440	52.085	ug/l	98
44) Trichloroethene	9.028	130	145039	51.386	ug/l	98
45) 1,2-Dichloropropane	9.304	63	127334	51.644	ug/l	95
46) Dibromomethane	9.393	93	75085	51.893	ug/l	99
47) Bromodichloromethane	9.581	83	173331	51.133	ug/l	97
48) Methyl methacrylate	9.375	41	53951	57.191	ug/l	94
49) 1,4-Dioxane	9.387	88	19109	1090.801	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	312782	269.072	ug/l	99
52) Toluene	10.334	92	328497	52.552	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	160542	50.648	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	198089	52.901	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	106158	51.540	ug/l	95
56) Ethyl methacrylate	10.599	69	120606	51.171	ug/l	98
57) 1,3-Dichloropropane	10.881	76	171117	52.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	297721	263.164	ug/l	100
59) 2-Hexanone	10.922	43	214717	277.517	ug/l	99
60) Dibromochloromethane	11.075	129	121466	51.458	ug/l	96
61) 1,2-Dibromoethane	11.181	107	98990	52.014	ug/l	100
64) Tetrachloroethene	10.810	164	122278	50.736	ug/l	98
65) Chlorobenzene	11.610	112	367563	50.543	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	125872	50.024	ug/l	98
67) Ethyl Benzene	11.681	91	591387	50.898	ug/l	99
68) m/p-Xylenes	11.793	106	504302	104.920	ug/l	99
69) o-Xylene	12.122	106	230961	52.375	ug/l	100
70) Styrene	12.134	104	405264	53.249	ug/l	98
71) Bromoform	12.298	173	73138	51.311	ug/l #	100
73) Isopropylbenzene	12.422	105	556237	51.845	ug/l	99
74) N-amyl acetate	12.234	43	109434	52.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	119627	48.881	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	77695m	49.030	ug/l	
77) Bromobenzene	12.698	156	154846	52.205	ug/l	99
78) n-propylbenzene	12.763	91	694519	51.856	ug/l	100
79) 2-Chlorotoluene	12.851	91	380232	50.896	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	472474	52.905	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	34460	49.884	ug/l	97
82) 4-Chlorotoluene	12.945	91	407721	50.904	ug/l	99
83) tert-Butylbenzene	13.169	119	397880	52.442	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	481907	52.869	ug/l	100
85) sec-Butylbenzene	13.345	105	606065	52.563	ug/l	98
86) p-Isopropyltoluene	13.457	119	503158	52.180	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	306243	51.004	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	302796	49.659	ug/l	99
89) n-Butylbenzene	13.787	91	459757	51.913	ug/l	99
90) Hexachloroethane	14.051	117	95917	49.188	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	268950	50.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15904	50.258	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	160346	53.041	ug/l	98
94) Hexachlorobutadiene	15.204	225	71056	50.148	ug/l	99
95) Naphthalene	15.334	128	325619	48.596	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	148868	53.639	ug/l	99

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

