

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091622\
 Data File : VD074331.D
 Acq On : 16 Sep 2022 15:21
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD091622

Quant Time: Sep 17 04:23:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/19/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110224	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	180019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	162439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	75553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51478	47.949	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.900%		
35) Dibromofluoromethane	7.804	113	53120	44.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.600%		
50) Toluene-d8	10.269	98	227812	55.687	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	111.380%		
62) 4-Bromofluorobenzene	12.569	95	65821	47.149	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	47448	46.729	ug/l	94
3) Chloromethane	2.140	50	46136	47.779	ug/l	91
4) Vinyl Chloride	2.281	62	46705	49.284	ug/l	95
5) Bromomethane	2.681	94	27763	47.387	ug/l	98
6) Chloroethane	2.828	64	27448	49.298	ug/l	96
7) Trichlorofluoromethane	3.169	101	92181	49.917	ug/l	98
8) Diethyl Ether	3.587	74	28048	47.647	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	57584	49.591	ug/l	100
10) Methyl Iodide	4.157	142	71063	49.544	ug/l	98
11) Tert butyl alcohol	5.052	59	15870	218.734	ug/l	98
12) 1,1-Dichloroethene	3.934	96	57425	48.583	ug/l	96
13) Acrolein	3.793	56	16441	210.122	ug/l	100
14) Allyl chloride	4.557	41	86924	50.814	ug/l	99
15) Acrylonitrile	5.257	53	63115	243.247	ug/l	97
16) Acetone	4.022	43	67873	280.614	ug/l	93
17) Carbon Disulfide	4.269	76	194630	50.570	ug/l	99
18) Methyl Acetate	4.563	43	30618	46.168	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	124738	49.281	ug/l	93
20) Methylene Chloride	4.799	84	74993	49.531	ug/l	90
21) trans-1,2-Dichloroethene	5.304	96	64384	49.196	ug/l	96
22) Diisopropyl ether	6.210	45	179035	49.691	ug/l	94
23) Vinyl Acetate	6.152	43	445798m	244.018	ug/l	
24) 1,1-Dichloroethane	6.110	63	114037	49.173	ug/l	98
25) 2-Butanone	7.081	43	89029	247.126	ug/l	99
26) 2,2-Dichloropropane	7.075	77	92584	48.361	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	70620	48.704	ug/l	98
28) Bromochloromethane	7.428	49	44606	49.812	ug/l	98
29) Tetrahydrofuran	7.446	42	50629	245.226	ug/l	99
30) Chloroform	7.593	83	109662	48.089	ug/l	91
31) Cyclohexane	7.875	56	107599	47.787	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	97440	48.438	ug/l	98
36) 1,1-Dichloropropene	8.004	75	92458	51.087	ug/l	99
37) Ethyl Acetate	7.175	43	36593	50.469	ug/l	98
38) Carbon Tetrachloride	7.993	117	83737	52.210	ug/l	99
39) Methylcyclohexane	9.275	83	117051	53.469	ug/l	97
40) Benzene	8.251	78	254044	50.062	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	22840	58.036	ug/l	99
42) 1,2-Dichloroethane	8.328	62	65076	50.212	ug/l	100
43) Isopropyl Acetate	8.357	43	68022	50.851	ug/l	98
44) Trichloroethene	9.028	130	69256	51.909	ug/l	93
45) 1,2-Dichloropropane	9.304	63	63027	49.385	ug/l	94
46) Dibromomethane	9.393	93	33250	50.650	ug/l	96
47) Bromodichloromethane	9.581	83	83373	51.563	ug/l	94
48) Methyl methacrylate	9.381	41	33233	51.338	ug/l	97
49) 1,4-Dioxane	9.387	88	7175	998.737	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	176761	251.507	ug/l	99
52) Toluene	10.334	92	161241	51.584	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	77818	53.943	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	96834	51.883	ug/l	99
55) 1,1,2-Trichloroethane	10.734	97	44444	51.397	ug/l	96
56) Ethyl methacrylate	10.598	69	57746	50.978	ug/l	99
57) 1,3-Dichloropropane	10.875	76	78617	50.304	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	69157	213.683	ug/l	98
59) 2-Hexanone	10.916	43	127945	260.267	ug/l	100
60) Dibromochloromethane	11.075	129	53107	51.286	ug/l	99
61) 1,2-Dibromoethane	11.181	107	41837	50.379	ug/l	95
64) Tetrachloroethene	10.810	164	54748	49.722	ug/l	95
65) Chlorobenzene	11.604	112	169098	50.531	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.675	131	57922	50.403	ug/l	99
67) Ethyl Benzene	11.681	91	316863	51.611	ug/l	99
68) m/p-Xylenes	11.787	106	242829	103.256	ug/l	99
69) o-Xylene	12.116	106	112638	52.410	ug/l	99
70) Styrene	12.128	104	188760	51.570	ug/l	99
71) Bromoform	12.298	173	30512	49.478	ug/l #	99
73) Isopropylbenzene	12.416	105	298898	51.438	ug/l	100
74) N-amyl acetate	12.228	43	65862	51.287	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	50255	49.775	ug/l	98
76) 1,2,3-Trichloropropane	12.716	75	33757m	48.291	ug/l	
77) Bromobenzene	12.698	156	65956	51.943	ug/l	94
78) n-propylbenzene	12.757	91	371856	51.588	ug/l	99
79) 2-Chlorotoluene	12.845	91	193686	50.951	ug/l	99
80) 1,3,5-Trimethylbenzene	12.898	105	241242	50.772	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	13981	50.126	ug/l #	100
82) 4-Chlorotoluene	12.939	91	199484	50.603	ug/l	98
83) tert-Butylbenzene	13.157	119	217218	51.553	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	237753	50.860	ug/l	100
85) sec-Butylbenzene	13.339	105	320633	51.281	ug/l	100
86) p-Isopropyltoluene	13.451	119	266846	51.067	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	130423	49.968	ug/l	99
88) 1,4-Dichlorobenzene	13.528	146	126086	49.428	ug/l	99
89) n-Butylbenzene	13.781	91	258024	50.415	ug/l	99
90) Hexachloroethane	14.045	117	49586	50.279	ug/l	96
91) 1,2-Dichlorobenzene	13.822	146	108056	49.099	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.433	75	7486	49.879	ug/l	90
93) 1,2,4-Trichlorobenzene	15.086	180	73923	49.794	ug/l	99
94) Hexachlorobutadiene	15.192	225	43141	51.149	ug/l	96
95) Naphthalene	15.322	128	139674	50.757	ug/l	99
96) 1,2,3-Trichlorobenzene	15.510	180	64004	50.163	ug/l	99

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

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