

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092622\
 Data File : VD074418.D
 Acq On : 26 Sep 2022 13:28
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 27 02:02:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:58:39 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :mohammad ahmed 09/27/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	62958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	98111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	89890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	45745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49587	91.916	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 183.840%#			
35) Dibromofluoromethane	7.805	113	63737	88.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 176.620%#			
50) Toluene-d8	10.269	98	230387	102.805	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 205.600%#			
62) 4-Bromofluorobenzene	12.569	95	73269	81.582	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 163.160%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	46977	91.519	ug/l	95
3) Chloromethane	2.140	50	41327	79.874	ug/l	96
4) Vinyl Chloride	2.275	62	41145	93.466	ug/l	98
5) Bromomethane	2.669	94	30722	90.984	ug/l	96
6) Chloroethane	2.828	64	28596	93.706	ug/l	90
7) Trichlorofluoromethane	3.164	101	95217	93.566	ug/l	100
8) Diethyl Ether	3.587	74	30208	99.740	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	66640	96.091	ug/l	100
10) Methyl Iodide	4.158	142	76934	128.675	ug/l	98
11) Tert butyl alcohol	5.058	59	24146	245.818	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	62338	95.508	ug/l	91
13) Acrolein	3.793	56	16279	430.039	ug/l	99
14) Allyl chloride	4.558	41	65373	97.485	ug/l	99
15) Acrylonitrile	5.252	53	62761	494.554	ug/l	100
16) Acetone	4.022	43	44279	426.975	ug/l	98
17) Carbon Disulfide	4.264	76	136548	91.684	ug/l	98
18) Methyl Acetate	4.564	43	28507	84.228	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	139326	99.302	ug/l	98
20) Methylene Chloride	4.799	84	71239	69.641	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	66946	96.244	ug/l	94
22) Diisopropyl ether	6.216	45	150416	97.687	ug/l	99
23) Vinyl Acetate	6.158	43	360234	569.401	ug/l	95
24) 1,1-Dichloroethane	6.116	63	110352	94.639	ug/l	97
25) 2-Butanone	7.081	43	65950	460.264	ug/l	93
26) 2,2-Dichloropropane	7.075	77	102705	95.670	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	80073	97.732	ug/l	100
28) Bromochloromethane	7.422	49	36400	97.375	ug/l	100
29) Tetrahydrofuran	7.440	42	41225	503.042	ug/l	98
30) Chloroform	7.599	83	123340	94.317	ug/l	99
31) Cyclohexane	7.875	56	83884	91.809	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	111138	98.905	ug/l	98
36) 1,1-Dichloropropene	8.005	75	87026	98.231	ug/l	99
37) Ethyl Acetate	7.163	43	30757	104.517	ug/l	98
38) Carbon Tetrachloride	7.993	117	89357	106.564	ug/l	96
39) Methylcyclohexane	9.275	83	106695	102.041	ug/l	96
40) Benzene	8.252	78	258380	98.592	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	19961	110.606	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	63524	96.884	ug/l	99
43) Isopropyl Acetate	8.357	43	59908	105.083	ug/l	98
44) Trichloroethene	9.028	130	79342	99.623	ug/l	99
45) 1,2-Dichloropropane	9.304	63	63072	100.838	ug/l	93
46) Dibromomethane	9.393	93	37420	100.274	ug/l	96
47) Bromodichloromethane	9.587	83	92340	97.461	ug/l	95
48) Methyl methacrylate	9.381	41	27284	106.483	ug/l	96
49) 1,4-Dioxane	9.381	88	8349	2264.184	ug/l	92
51) 4-Methyl-2-Pentanone	10.157	43	152759	520.247	ug/l	99
52) Toluene	10.334	92	171367	101.508	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	84538	107.139	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	102082	101.792	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	52900	102.472	ug/l	97
56) Ethyl methacrylate	10.598	69	61866	107.723	ug/l	98
57) 1,3-Dichloropropane	10.881	76	84903	101.927	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	60429	677.041	ug/l	99
59) 2-Hexanone	10.922	43	103413	523.554	ug/l	97
60) Dibromochloromethane	11.075	129	66174	102.918	ug/l	99
61) 1,2-Dibromoethane	11.181	107	50832	102.168	ug/l	100
64) Tetrachloroethene	10.810	164	65176	92.884	ug/l	92
65) Chlorobenzene	11.604	112	191478	98.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	70931	101.356	ug/l	99
67) Ethyl Benzene	11.681	91	346100	101.597	ug/l	97
68) m/p-Xylenes	11.793	106	271749	202.574	ug/l	99
69) o-Xylene	12.116	106	129077	103.622	ug/l	96
70) Styrene	12.134	104	216978	100.367	ug/l	98
71) Bromoform	12.298	173	40557	104.987	ug/l #	99
73) Isopropylbenzene	12.416	105	346262	102.372	ug/l	100
74) N-amyl acetate	12.228	43	56538	106.225	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	58620	98.898	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	33077m	93.676	ug/l	
77) Bromobenzene	12.698	156	80601	99.983	ug/l	99
78) n-propylbenzene	12.757	91	408469	100.311	ug/l	100
79) 2-Chlorotoluene	12.845	91	218789	99.676	ug/l	98
80) 1,3,5-Trimethylbenzene	12.898	105	280563	100.281	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	17109	119.981	ug/l	92
82) 4-Chlorotoluene	12.945	91	224756	99.547	ug/l	99
83) tert-Butylbenzene	13.163	119	255755	101.563	ug/l	99
84) 1,2,4-Trimethylbenzene	13.204	105	276079	99.117	ug/l	99
85) sec-Butylbenzene	13.340	105	380551	100.252	ug/l	99
86) p-Isopropyltoluene	13.457	119	321000	101.413	ug/l	99
87) 1,3-Dichlorobenzene	13.451	146	163322	98.921	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	159588	96.587	ug/l	99
89) n-Butylbenzene	13.781	91	295671	100.949	ug/l	99
90) Hexachloroethane	14.051	117	56963	101.701	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	139019	96.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	8132	109.021	ug/l	100
93) 1,2,4-Trichlorobenzene	15.092	180	96545	99.886	ug/l	99
94) Hexachlorobutadiene	15.198	225	52795	98.980	ug/l	100
95) Naphthalene	15.328	128	184908	104.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	83710	99.750	ug/l	98

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

