

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031023\
 Data File : VD075491.D
 Acq On : 10 Mar 2023 13:30
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 10 23:05:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 16:02:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 03/13/2023
 Supervised By :Mahesh Dadoda 03/13/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	131563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	211794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	192677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	95334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111419	93.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 186.660%#			
35) Dibromofluoromethane	7.805	113	145051	99.996	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 200.000%#			
50) Toluene-d8	10.269	98	600357	104.767	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 209.540%#			
62) 4-Bromofluorobenzene	12.575	95	166967	100.791	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 201.580%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	113468	86.487	ug/l	99
3) Chloromethane	2.152	50	178081	97.722	ug/l	97
4) Vinyl Chloride	2.287	62	270214	85.582	ug/l	96
5) Bromomethane	2.687	94	219366	88.685	ug/l	97
6) Chloroethane	2.834	64	188301	89.038	ug/l	96
7) Trichlorofluoromethane	3.175	101	229677	90.255	ug/l	98
8) Diethyl Ether	3.593	74	65908	97.021	ug/l	63
9) 1,1,2-Trichlorotrifluo...	3.969	101	149877	90.518	ug/l	94
10) Methyl Iodide	4.164	142	190256	96.314	ug/l	90
11) Tert butyl alcohol	5.052	59	25299	458.938	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	150676	92.145	ug/l	86
13) Acrolein	3.799	56	50275	458.341	ug/l	97
14) Allyl chloride	4.569	41	131096	93.179	ug/l #	81
15) Acrylonitrile	5.252	53	114957	461.493	ug/l	96
16) Acetone	4.017	43	98974	505.956	ug/l #	87
17) Carbon Disulfide	4.269	76	441465	89.480	ug/l	97
18) Methyl Acetate	4.564	43	57994	91.763	ug/l #	69
19) Methyl tert-butyl Ether	5.316	73	274847	96.924	ug/l	97
20) Methylene Chloride	4.805	84	158549	98.924	ug/l #	71
21) trans-1,2-Dichloroethene	5.311	96	172162	92.615	ug/l #	73
22) Diisopropyl ether	6.216	45	286941	94.096	ug/l #	87
23) Vinyl Acetate	6.152	43	723164m	513.882	ug/l	
24) 1,1-Dichloroethane	6.116	63	238650	90.351	ug/l	96
25) 2-Butanone	7.081	43	128650	462.165	ug/l #	68
26) 2,2-Dichloropropane	7.075	77	223410	91.960	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	190481	95.624	ug/l	79
28) Bromochloromethane	7.428	49	80283	94.279	ug/l #	36
29) Tetrahydrofuran	7.440	42	70643	466.286	ug/l #	50
30) Chloroform	7.599	83	266277	90.771	ug/l	95
31) Cyclohexane	7.875	56	189254	89.004	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	238006	92.529	ug/l	95
36) 1,1-Dichloropropene	8.010	75	205401	95.549	ug/l	92
37) Ethyl Acetate	7.169	43	53240	95.054	ug/l #	78
38) Carbon Tetrachloride	7.993	117	202289	98.210	ug/l	99
39) Methylcyclohexane	9.275	83	273240	100.813	ug/l #	87
40) Benzene	8.252	78	624558	96.946	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	28485	94.293	ug/l #	63
42) 1,2-Dichloroethane	8.328	62	131830	92.962	ug/l	91
43) Isopropyl Acetate	8.363	43	103953	100.300	ug/l #	78
44) Trichloroethene	9.028	130	182156	96.206	ug/l	93
45) 1,2-Dichloropropane	9.304	63	132064	95.358	ug/l	92
46) Dibromomethane	9.393	93	81238	95.173	ug/l	92
47) Bromodichloromethane	9.587	83	199061	96.308	ug/l	97
48) Methyl methacrylate	9.381	41	49004	100.646	ug/l #	59
49) 1,4-Dioxane	9.387	88	16014	2068.129	ug/l #	69
51) 4-Methyl-2-Pentanone	10.157	43	268593	498.315	ug/l #	76
52) Toluene	10.334	92	417818	100.082	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	185299	99.658	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	225630	98.810	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	116756	96.622	ug/l	93
56) Ethyl methacrylate	10.599	69	122384	106.373	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	178856	96.178	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	308404	547.715	ug/l #	84
59) 2-Hexanone	10.922	43	194269	509.660	ug/l	71
60) Dibromochloromethane	11.075	129	141503	99.115	ug/l	98
61) 1,2-Dibromoethane	11.181	107	109938	96.605	ug/l	96
64) Tetrachloroethene	10.810	164	147652	97.102	ug/l	96
65) Chlorobenzene	11.610	112	444818	97.343	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	154476	98.677	ug/l	96
67) Ethyl Benzene	11.687	91	787692	100.091	ug/l	96
68) m/p-Xylenes	11.793	106	646597	204.426	ug/l	90
69) o-Xylene	12.122	106	299259	101.876	ug/l	92
70) Styrene	12.140	104	502568	102.853	ug/l	93
71) Bromoform	12.304	173	79799	99.827	ug/l #	96
73) Isopropylbenzene	12.422	105	761063	99.687	ug/l	98
74) N-amyl acetate	12.240	43	95083	100.540	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	117466	90.722	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	71184m	90.400	ug/l	
77) Bromobenzene	12.704	156	177888	98.009	ug/l	86
78) n-propylbenzene	12.769	91	898741	96.883	ug/l	95
79) 2-Chlorotoluene	12.851	91	475731	94.640	ug/l	91
80) 1,3,5-Trimethylbenzene	12.910	105	619747	98.992	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	35904	96.589	ug/l #	72
82) 4-Chlorotoluene	12.951	91	488907	94.256	ug/l	92
83) tert-Butylbenzene	13.169	119	561152	103.131	ug/l	92
84) 1,2,4-Trimethylbenzene	13.216	105	613765	101.440	ug/l	95
85) sec-Butylbenzene	13.351	105	827161	98.196	ug/l	98
86) p-Isopropyltoluene	13.463	119	698598	101.493	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	369801	98.567	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	353940	95.366	ug/l	97
89) n-Butylbenzene	13.792	91	627420	99.391	ug/l	96
90) Hexachloroethane	14.057	117	126774	95.382	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	308732	97.242	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	15305	93.928	ug/l	64
93) 1,2,4-Trichlorobenzene	15.104	180	185176	100.014	ug/l	98
94) Hexachlorobutadiene	15.210	225	88327	100.023	ug/l	98
95) Naphthalene	15.339	128	350168	103.027	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	157072	98.316	ug/l	99

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

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