

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022123\
 Data File : VD075378.D
 Acq On : 21 Feb 2023 13:00
 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: Feb 21 14:41:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 21 14:22:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

Supervised By :Mahesh
 Dadoda
 02/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	63348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	100339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	92476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	46761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	52948	100.243	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 200.480%#			
35) Dibromofluoromethane	7.810	113	54653	90.794	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 181.580%#			
50) Toluene-d8	10.269	98	192857	89.187	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 178.380%#			
62) 4-Bromofluorobenzene	12.575	95	68737	93.984	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 187.960%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65617	92.000	ug/l	96
3) Chloromethane	2.146	50	93609	91.843	ug/l	100
4) Vinyl Chloride	2.281	62	105007	94.934	ug/l	98
5) Bromomethane	2.681	94	59616	96.538	ug/l	97
6) Chloroethane	2.834	64	69340	90.854	ug/l	95
7) Trichlorofluoromethane	3.175	101	122100	93.976	ug/l	97
8) Diethyl Ether	3.593	74	31543	102.606	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.969	101	71877	96.999	ug/l	99
10) Methyl Iodide	4.163	142	84112	98.557	ug/l	98
11) Tert butyl alcohol	5.063	59	17584	507.358	ug/l #	100
12) 1,1-Dichloroethene	3.946	96	67605	98.038	ug/l	92
13) Acrolein	3.799	56	5041	501.847	ug/l	97
14) Allyl chloride	4.563	41	110022	100.842	ug/l	97
15) Acrylonitrile	5.257	53	72348	497.310	ug/l	100
16) Acetone	4.022	43	86093	519.045	ug/l	97
17) Carbon Disulfide	4.275	76	229006	94.216	ug/l	97
18) Methyl Acetate	4.563	43	50456	99.725	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	143027	101.252	ug/l	97
20) Methylene Chloride	4.805	84	74859	101.323	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	75757	96.157	ug/l	90
22) Diisopropyl ether	6.216	45	210862	101.698	ug/l #	97
23) Vinyl Acetate	6.157	43	398281	484.576	ug/l	97
24) 1,1-Dichloroethane	6.110	63	131506	95.819	ug/l	97
25) 2-Butanone	7.081	43	103362	508.878	ug/l	98
26) 2,2-Dichloropropane	7.081	77	116629	97.116	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	81083	100.473	ug/l	100
28) Bromochloromethane	7.434	49	25574	97.748	ug/l	99
29) Tetrahydrofuran	7.446	42	60094	522.636	ug/l	98
30) Chloroform	7.598	83	131812	95.994	ug/l	95
31) Cyclohexane	7.881	56	122414	93.859	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	122694	96.189	ug/l	99
36) 1,1-Dichloropropene	8.010	75	107318	100.246	ug/l	99
37) Ethyl Acetate	7.175	43	42113	98.698	ug/l #	93
38) Carbon Tetrachloride	7.993	117	108594	99.103	ug/l	99
39) Methylcyclohexane	9.275	83	130880	103.987	ug/l	97
40) Benzene	8.251	78	293362	99.895	ug/l	100

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Supervised By :Mahesh
 Dadoda
 02/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	23690	84.891	ug/l #	89
42) 1,2-Dichloroethane	8.328	62	82338	99.737	ug/l	99
43) Isopropyl Acetate	8.363	43	83012	105.044	ug/l	99
44) Trichloroethene	9.028	130	78464	99.429	ug/l	99
45) 1,2-Dichloropropane	9.310	63	72372	101.167	ug/l	97
46) Dibromomethane	9.393	93	39144	100.163	ug/l	98
47) Bromodichloromethane	9.587	83	97529	98.028	ug/l	96
48) Methyl methacrylate	9.381	41	41327	103.335	ug/l	95
49) 1,4-Dioxane	9.387	88	7792	2151.780	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	215696	536.490	ug/l	100
52) Toluene	10.334	92	187600	104.132	ug/l	98
53) t-1,3-Dichloropropene	10.557	75	89829	109.476	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	104782	104.788	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	50514	99.803	ug/l	93
56) Ethyl methacrylate	10.598	69	62672	111.818	ug/l	99
57) 1,3-Dichloropropane	10.881	76	87143	99.599	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	69472	478.600	ug/l	98
59) 2-Hexanone	10.922	43	154407	543.880	ug/l	99
60) Dibromochloromethane	11.075	129	65390	102.692	ug/l	99
61) 1,2-Dibromoethane	11.181	107	48660	103.204	ug/l	97
64) Tetrachloroethene	10.810	164	65090	97.230	ug/l	90
65) Chlorobenzene	11.610	112	189772	97.983	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	70804	100.959	ug/l	99
67) Ethyl Benzene	11.687	91	367472	103.230	ug/l	98
68) m/p-Xylenes	11.798	106	286837	208.437	ug/l	98
69) o-Xylene	12.122	106	131859	105.125	ug/l	97
70) Styrene	12.139	104	223571	106.072	ug/l	99
71) Bromoform	12.304	173	37793	105.072	ug/l #	99
73) Isopropylbenzene	12.422	105	360172	102.575	ug/l	98
74) N-amyl acetate	12.234	43	80879	106.219	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	56641	95.538	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	37398m	89.934	ug/l	
77) Bromobenzene	12.704	156	76728	97.192	ug/l	99
78) n-propylbenzene	12.769	91	448497	101.484	ug/l	99
79) 2-Chlorotoluene	12.851	91	239853	100.813	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	304027	103.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	14106	92.784	ug/l	87
82) 4-Chlorotoluene	12.951	91	251937	100.740	ug/l	100
83) tert-Butylbenzene	13.169	119	265083	104.107	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	299639	103.398	ug/l	99
85) sec-Butylbenzene	13.351	105	398324	102.876	ug/l	100
86) p-Isopropyltoluene	13.463	119	335386	105.273	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	159638	96.187	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	154686	96.840	ug/l	99
89) n-Butylbenzene	13.792	91	320889	104.078	ug/l	99
90) Hexachloroethane	14.057	117	62482	98.689	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	134576	98.929	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8661	96.931	ug/l	93
93) 1,2,4-Trichlorobenzene	15.104	180	85841	102.127	ug/l	98
94) Hexachlorobutadiene	15.210	225	47653	101.330	ug/l	98
95) Naphthalene	15.333	128	159478	107.144	ug/l	99
96) 1,2,3-Trichlorobenzene	15.527	180	72600	100.983	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

