

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075131.D
 Acq On : 18 Jan 2023 14:19
 Operator : KP/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD011823

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 01:37:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	95059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	167201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	148789	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	65990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	49556	51.088	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.180%			
35) Dibromofluoromethane	7.810	113	52410	51.873	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.740%			
50) Toluene-d8	10.269	98	207028	52.042	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.080%			
62) 4-Bromofluorobenzene	12.575	95	64819	51.341	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.680%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	36609	49.418	ug/l	98
3) Chloromethane	2.146	50	55347	45.073	ug/l	99
4) Vinyl Chloride	2.281	62	61075	46.352	ug/l	98
5) Bromomethane	2.693	94	43451	48.489	ug/l	100
6) Chloroethane	2.840	64	43463	47.573	ug/l	95
7) Trichlorofluoromethane	3.175	101	81350	48.573	ug/l	94
8) Diethyl Ether	3.593	74	27378	50.735	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.963	101	51181	49.502	ug/l	98
10) Methyl Iodide	4.163	142	68958	49.546	ug/l	100
11) Tert butyl alcohol	5.052	59	14799	218.693	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	54314	49.900	ug/l	92
13) Acrolein	3.799	56	13635	243.627	ug/l	98
14) Allyl chloride	4.563	41	89482	50.656	ug/l	98
15) Acrylonitrile	5.257	53	58775	257.584	ug/l	99
16) Acetone	4.016	43	66644	260.497	ug/l	100
17) Carbon Disulfide	4.275	76	173883	49.254	ug/l	98
18) Methyl Acetate	4.563	43	33397	48.026	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	119071	52.369	ug/l	99
20) Methylene Chloride	4.805	84	62921	46.695	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	61146	50.463	ug/l	94
22) Diisopropyl ether	6.216	45	170226	51.775	ug/l	99
23) Vinyl Acetate	6.157	43	413078m	285.068	ug/l	
24) 1,1-Dichloroethane	6.116	63	106530	51.559	ug/l	98
25) 2-Butanone	7.081	43	79822	258.152	ug/l	97
26) 2,2-Dichloropropane	7.075	77	89188	48.423	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	67572	51.159	ug/l	98
28) Bromochloromethane	7.428	49	26709	47.347	ug/l	99
29) Tetrahydrofuran	7.446	42	44944	254.845	ug/l	98
30) Chloroform	7.599	83	102182	49.594	ug/l	98
31) Cyclohexane	7.881	56	91684	47.128	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	86623	48.799	ug/l	99
36) 1,1-Dichloropropene	8.004	75	78863	48.582	ug/l	98
37) Ethyl Acetate	7.169	43	29824	45.603	ug/l	100
38) Carbon Tetrachloride	7.993	117	70344	51.467	ug/l	98
39) Methylcyclohexane	9.275	83	98799	49.387	ug/l	99
40) Benzene	8.251	78	233272	50.390	ug/l	96

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41) Methacrylonitrile	7.404	41	19428	49.369	ug/l	93
42) 1,2-Dichloroethane	8.328	62	61536	50.604	ug/l	98
43) Isopropyl Acetate	8.363	43	63605	49.977	ug/l	100
44) Trichloroethene	9.028	130	64517	49.560	ug/l	98
45) 1,2-Dichloropropane	9.304	63	58329	51.150	ug/l	98
46) Dibromomethane	9.393	93	29813	49.572	ug/l	98
47) Bromodichloromethane	9.587	83	76971	51.588	ug/l	96
48) Methyl methacrylate	9.381	41	31048	49.889	ug/l	97
49) 1,4-Dioxane	9.381	88	5571	970.318	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	155677	254.726	ug/l	99
52) Toluene	10.334	92	144923	49.538	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	73167	51.833	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	91403	53.000	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	39353	49.445	ug/l	98
56) Ethyl methacrylate	10.598	69	50463	52.723	ug/l	97
57) 1,3-Dichloropropane	10.881	76	69169	50.576	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	83194	254.015	ug/l	98
59) 2-Hexanone	10.922	43	113056	255.840	ug/l	99
60) Dibromochloromethane	11.075	129	48601	50.662	ug/l	100
61) 1,2-Dibromoethane	11.181	107	37700	49.577	ug/l	100
64) Tetrachloroethene	10.810	164	50373	47.410	ug/l	98
65) Chlorobenzene	11.610	112	151068	49.549	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	52969	51.652	ug/l	95
67) Ethyl Benzene	11.687	91	271978	49.558	ug/l	99
68) m/p-Xylenes	11.792	106	208639	98.412	ug/l	98
69) o-Xylene	12.122	106	99495	50.031	ug/l	98
70) Styrene	12.139	104	163837	49.560	ug/l	99
71) Bromoform	12.304	173	27341	51.632	ug/l #	95
73) Isopropylbenzene	12.422	105	260529	49.982	ug/l	98
74) N-amyl acetate	12.234	43	55943	48.994	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	41514	49.987	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	31669m	56.664	ug/l	
77) Bromobenzene	12.704	156	58760	49.353	ug/l	97
78) n-propylbenzene	12.769	91	318903	49.788	ug/l	99
79) 2-Chlorotoluene	12.851	91	172439	48.949	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	211706	49.573	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	13167	54.648	ug/l	99
82) 4-Chlorotoluene	12.951	91	178276	49.220	ug/l	99
83) tert-Butylbenzene	13.169	119	186591	50.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	206608	49.262	ug/l	100
85) sec-Butylbenzene	13.351	105	274315	48.869	ug/l	100
86) p-Isopropyltoluene	13.463	119	226333	49.250	ug/l	100
87) 1,3-Dichlorobenzene	13.463	146	113646	49.242	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	113864	50.145	ug/l	99
89) n-Butylbenzene	13.792	91	221063	49.364	ug/l	99
90) Hexachloroethane	14.057	117	41051	50.584	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	99408	50.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6258	49.282	ug/l	99
93) 1,2,4-Trichlorobenzene	15.104	180	65358	50.408	ug/l	98
94) Hexachlorobutadiene	15.204	225	31093	48.932	ug/l	98
95) Naphthalene	15.339	128	126739	49.102	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	55946	50.569	ug/l	100

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

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