

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010923\
 Data File : VD075089.D
 Acq On : 09 Jan 2023 12:59
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 03:00:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 02:58:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	102638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	174519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	156062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	70753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	22005	21.385	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.760%#		
35) Dibromofluoromethane	7.805	113	22123	20.153	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	40.300%#		
50) Toluene-d8	10.269	98	88788	20.398	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	40.800%#		
62) 4-Bromofluorobenzene	12.575	95	28241	20.214	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	40.420%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	13073	23.544	ug/l	100
3) Chloromethane	2.146	50	20675	23.730	ug/l	100
4) Vinyl Chloride	2.281	62	22407	23.602	ug/l	98
5) Bromomethane	2.676	94	13732	21.496	ug/l	91
6) Chloroethane	2.828	64	16548	23.163	ug/l	100
7) Trichlorofluoromethane	3.170	101	29536	21.836	ug/l	90
8) Diethyl Ether	3.593	74	10211	21.751	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.970	101	19002	20.248	ug/l	98
10) Methyl Iodide	4.158	142	20945	22.108	ug/l	99
11) Tert butyl alcohol	5.064	59	9352m	158.200	ug/l	
12) 1,1-Dichloroethene	3.940	96	18744	21.538	ug/l	92
13) Acrolein	3.799	56	11683	124.790	ug/l	99
14) Allyl chloride	4.564	41	32464	21.790	ug/l	98
15) Acrylonitrile	5.258	53	25719	106.273	ug/l	99
16) Acetone	4.022	43	23607	96.824	ug/l	93
17) Carbon Disulfide	4.270	76	44402	26.061	ug/l	96
18) Methyl Acetate	4.570	43	16265	22.385	ug/l	100
19) Methyl tert-butyl Ether	5.317	73	47881	21.006	ug/l	98
20) Methylene Chloride	4.799	84	35761	20.664	ug/l	91
21) trans-1,2-Dichloroethene	5.317	96	21635	22.672	ug/l	96
22) Diisopropyl ether	6.216	45	67153	21.059	ug/l	95
23) Vinyl Acetate	6.158	43	126866m	128.565	ug/l	
24) 1,1-Dichloroethane	6.116	63	40200	20.963	ug/l	98
25) 2-Butanone	7.087	43	33177	102.725	ug/l	91
26) 2,2-Dichloropropane	7.075	77	35769	20.798	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	25398	21.081	ug/l	98
28) Bromochloromethane	7.428	49	14259	21.438	ug/l	99
29) Tetrahydrofuran	7.446	42	20226	111.318	ug/l	96
30) Chloroform	7.599	83	40191	20.683	ug/l	97
31) Cyclohexane	7.881	56	32729	21.546	ug/l	99
32) 1,1,1-Trichloroethane	7.799	97	35009	20.996	ug/l	97
36) 1,1-Dichloropropene	8.011	75	29041	21.382	ug/l	100
37) Ethyl Acetate	7.169	43	15983	21.062	ug/l	98
38) Carbon Tetrachloride	7.993	117	24592	20.667	ug/l	95
39) Methylcyclohexane	9.275	83	35453	22.568	ug/l	98
40) Benzene	8.252	78	87411	21.571	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	9415	21.372	ug/l	93
42) 1,2-Dichloroethane	8.322	62	23958	21.096	ug/l	99
43) Isopropyl Acetate	8.358	43	27170	20.788	ug/l	97
44) Trichloroethene	9.028	130	24279	20.846	ug/l	91
45) 1,2-Dichloropropane	9.305	63	22994	20.824	ug/l	97
46) Dibromomethane	9.393	93	12414	22.245	ug/l	96
47) Bromodichloromethane	9.587	83	29490	20.236	ug/l #	99
48) Methyl methacrylate	9.387	41	11935	20.267	ug/l	98
49) 1,4-Dioxane	9.393	88	2581	424.675	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	69643	105.521	ug/l	99
52) Toluene	10.334	92	55959	21.300	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	27867	20.922	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	34685	21.261	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	16856	20.739	ug/l	96
56) Ethyl methacrylate	10.599	69	20690	21.074	ug/l	97
57) 1,3-Dichloropropane	10.881	76	28201	20.887	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	41601	112.237	ug/l	99
59) 2-Hexanone	10.922	43	48030	104.037	ug/l	99
60) Dibromochloromethane	11.081	129	19740	20.512	ug/l	99
61) 1,2-Dibromoethane	11.181	107	15676	21.242	ug/l	95
64) Tetrachloroethene	10.810	164	20033	20.018	ug/l	95
65) Chlorobenzene	11.610	112	59296	20.186	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.687	131	20347	19.603	ug/l	98
67) Ethyl Benzene	11.687	91	105873	20.241	ug/l	97
68) m/p-Xylenes	11.793	106	82059	40.701	ug/l	98
69) o-Xylene	12.122	106	40583	20.769	ug/l	94
70) Styrene	12.140	104	66698	20.423	ug/l	99
71) Bromoform	12.299	173	11162	20.008	ug/l #	99
73) Isopropylbenzene	12.422	105	105644	19.970	ug/l	100
74) N-amyl acetate	12.234	43	23889	19.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	18646	20.566	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	13930m	18.813	ug/l	
77) Bromobenzene	12.704	156	23544	20.330	ug/l	99
78) n-propylbenzene	12.763	91	128146	20.197	ug/l	100
79) 2-Chlorotoluene	12.851	91	69093	19.815	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	85089	19.827	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.475	75	4881	19.201	ug/l	92
82) 4-Chlorotoluene	12.951	91	70605	19.768	ug/l	99
83) tert-Butylbenzene	13.169	119	74334	19.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	82661	19.930	ug/l	99
85) sec-Butylbenzene	13.346	105	114216	19.901	ug/l	98
86) p-Isopropyltoluene	13.463	119	91017	19.633	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	46491	20.162	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	46760	20.054	ug/l	99
89) n-Butylbenzene	13.793	91	90426	19.833	ug/l	99
90) Hexachloroethane	14.057	117	15615	19.324	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	42230	20.462	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.457	75	2766	18.971	ug/l	95
93) 1,2,4-Trichlorobenzene	15.104	180	25711	19.266	ug/l	99
94) Hexachlorobutadiene	15.204	225	12865	19.338	ug/l	96
95) Naphthalene	15.334	128	53704	20.494	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	23053	19.998	ug/l	98

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

