

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030124\
 Data File : VD078575.D
 Acq On : 01 Mar 2024 13:10
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/04/2024
 Supervised By :Mahesh Dadoda 03/04/2024

Quant Time: Mar 02 03:37:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:25:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	126385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	213354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27704	22.113	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	44.220%#		
35) Dibromofluoromethane	7.805	113	30100	21.688	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	43.380%#		
50) Toluene-d8	10.269	98	117249	21.741	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	43.480%#		
62) 4-Bromofluorobenzene	12.575	95	32145	20.869	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	26319	24.537	ug/l	100
3) Chloromethane	2.152	50	45580	23.044	ug/l	97
4) Vinyl Chloride	2.281	62	66590	21.435	ug/l	98
5) Bromomethane	2.687	94	54681	22.039	ug/l	98
6) Chloroethane	2.834	64	51432	22.337	ug/l	98
7) Trichlorofluoromethane	3.175	101	46888	22.321	ug/l	93
8) Diethyl Ether	3.593	74	11942	20.246	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.970	101	28842	21.785	ug/l	96
10) Methyl Iodide	4.164	142	28676	20.699	ug/l #	91
11) Tert butyl alcohol	5.069	59	7144	119.126	ug/l #	89
12) 1,1-Dichloroethene	3.934	96	25831	20.900	ug/l	96
13) Acrolein	3.793	56	12444	100.154	ug/l	99
14) Allyl chloride	4.564	41	29010	20.608	ug/l	92
15) Acrylonitrile	5.258	53	25198	103.618	ug/l	95
16) Acetone	4.028	43	23907	99.603	ug/l #	85
17) Carbon Disulfide	4.275	76	89878	21.827	ug/l	97
18) Methyl Acetate	4.570	43	9750	21.461	ug/l	93
19) Methyl tert-butyl Ether	5.328	73	50478	20.087	ug/l	98
20) Methylene Chloride	4.805	84	47673	23.316	ug/l	95
21) trans-1,2-Dichloroethene	5.322	96	30252	20.371	ug/l	98
22) Diisopropyl ether	6.222	45	66095	20.941	ug/l	97
23) Vinyl Acetate	6.158	43	197529	105.376	ug/l	93
24) 1,1-Dichloroethane	6.117	63	50989	21.384	ug/l	96
25) 2-Butanone	7.087	43	31266	103.267	ug/l	95
26) 2,2-Dichloropropane	7.081	77	40474	20.093	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	33494	20.598	ug/l	96
28) Bromochloromethane	7.422	49	19772	22.196	ug/l	89
29) Tetrahydrofuran	7.440	42	17458	103.788	ug/l	93
30) Chloroform	7.599	83	53589	20.815	ug/l	96
31) Cyclohexane	7.875	56	40209	20.505	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	45807	20.740	ug/l	98
36) 1,1-Dichloropropene	8.011	75	40391	21.032	ug/l	97
37) Ethyl Acetate	7.175	43	12838	20.631	ug/l	98
38) Carbon Tetrachloride	7.999	117	40817	20.320	ug/l	90
39) Methylcyclohexane	9.275	83	45088	20.003	ug/l	89
40) Benzene	8.252	78	116743	20.508	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	6462	19.375	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	30689	21.251	ug/l	96
43) Isopropyl Acetate	8.363	43	24745	20.742	ug/l	97
44) Trichloroethene	9.034	130	32345	20.706	ug/l	93
45) 1,2-Dichloropropane	9.305	63	28688	20.979	ug/l	94
46) Dibromomethane	9.393	93	15695	19.910	ug/l	94
47) Bromodichloromethane	9.581	83	41574	21.388	ug/l	96
48) Methyl methacrylate	9.375	41	10703	19.805	ug/l #	84
49) 1,4-Dioxane	9.381	88	3574	458.020	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	63247	102.712	ug/l	93
52) Toluene	10.334	92	73762	20.195	ug/l	100
53) t-1,3-Dichloropropene	10.552	75	35599	19.797	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	44263	20.559	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	22476	20.248	ug/l	95
56) Ethyl methacrylate	10.593	69	21839	19.630	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	37638	20.924	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	54669	122.520	ug/l	97
59) 2-Hexanone	10.922	43	47391	103.762	ug/l	93
60) Dibromochloromethane	11.069	129	27726	20.686	ug/l	96
61) 1,2-Dibromoethane	11.175	107	20750	20.369	ug/l	99
64) Tetrachloroethene	10.810	164	25314	20.279	ug/l	85
65) Chlorobenzene	11.604	112	79021	20.226	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	30502	20.971	ug/l	94
67) Ethyl Benzene	11.681	91	135056	19.951	ug/l	98
68) m/p-Xylenes	11.793	106	109211	39.877	ug/l	93
69) o-Xylene	12.122	106	49706	20.007	ug/l	95
70) Styrene	12.134	104	86259	20.030	ug/l	97
71) Bromoform	12.293	173	15042	19.440	ug/l #	95
73) Isopropylbenzene	12.422	105	130766	20.775	ug/l	96
74) N-amyl acetate	12.234	43	23002	21.712	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	26343	21.847	ug/l	91
76) 1,2,3-Trichloropropane	12.722	75	16861m	22.183	ug/l	
77) Bromobenzene	12.699	156	31700	20.825	ug/l	92
78) n-propylbenzene	12.763	91	162277	21.077	ug/l	98
79) 2-Chlorotoluene	12.846	91	86420	20.918	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	108834	21.249	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8273	23.350	ug/l	94
82) 4-Chlorotoluene	12.946	91	92811	21.079	ug/l	97
83) tert-Butylbenzene	13.163	119	88950	20.170	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	107530	20.540	ug/l	98
85) sec-Butylbenzene	13.346	105	144966	21.070	ug/l	96
86) p-Isopropyltoluene	13.457	119	118976	20.542	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	67634	20.794	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	67325	20.660	ug/l	99
89) n-Butylbenzene	13.787	91	111396	20.581	ug/l	96
90) Hexachloroethane	14.051	117	25144	21.351	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	59214	21.432	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3471	21.596	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	33146	20.260	ug/l	98
94) Hexachlorobutadiene	15.198	225	18667	20.737	ug/l	97
95) Naphthalene	15.328	128	57640	19.938	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	29464	20.279	ug/l	98

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

