

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013024\
 Data File : VD078272.D
 Acq On : 30 Jan 2024 11:11
 Operator : RP/MD
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2024
 Supervised By :Mahesh Dadoda 01/31/2024

Quant Time: Jan 31 00:33:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 00:23:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	118741	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	212923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	91531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27886	18.971	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	37.940%#		
35) Dibromofluoromethane	7.810	113	28460	18.775	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	37.540%#		
50) Toluene-d8	10.269	98	106194	18.504	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	37.000%#		
62) 4-Bromofluorobenzene	12.575	95	31023	18.050	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	36.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	32942	24.335	ug/l	99
3) Chloromethane	2.152	50	55388	22.424	ug/l	99
4) Vinyl Chloride	2.287	62	71774	22.028	ug/l	97
5) Bromomethane	2.687	94	43686	22.147	ug/l	95
6) Chloroethane	2.834	64	49433	21.965	ug/l	97
7) Trichlorofluoromethane	3.170	101	59378	21.525	ug/l	94
8) Diethyl Ether	3.593	74	16661	20.417	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.975	101	35947	21.233	ug/l	95
10) Methyl Iodide	4.164	142	33206	21.562	ug/l	92
11) Tert butyl alcohol	5.058	59	10009	106.750	ug/l	95
12) 1,1-Dichloroethene	3.940	96	33095	20.260	ug/l	93
13) Acrolein	3.805	56	12759	111.542	ug/l	94
14) Allyl chloride	4.564	41	45694	21.216	ug/l	87
15) Acrylonitrile	5.258	53	36801	102.027	ug/l	96
16) Acetone	4.022	43	42971	116.870	ug/l #	79
17) Carbon Disulfide	4.275	76	118314	21.454	ug/l	95
18) Methyl Acetate	4.564	43	15333	19.570	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	70902	20.870	ug/l	96
20) Methylene Chloride	4.799	84	41429	21.656	ug/l #	88
21) trans-1,2-Dichloroethene	5.322	96	39322	21.290	ug/l	96
22) Diisopropyl ether	6.222	45	98971	21.596	ug/l	95
23) Vinyl Acetate	6.158	43	299849	107.244	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	66271	20.889	ug/l	94
25) 2-Butanone	7.087	43	54967	112.221	ug/l #	80
26) 2,2-Dichloropropane	7.087	77	53824	20.769	ug/l	94
27) cis-1,2-Dichloroethene	7.093	96	41527	20.286	ug/l	88
28) Bromochloromethane	7.428	49	21805	19.270	ug/l #	74
29) Tetrahydrofuran	7.452	42	27660	105.560	ug/l #	85
30) Chloroform	7.599	83	68379	21.080	ug/l	89
31) Cyclohexane	7.881	56	57229	20.788	ug/l	89
32) 1,1,1-Trichloroethane	7.793	97	56443	20.190	ug/l	97
36) 1,1-Dichloropropene	8.010	75	53559	21.307	ug/l	95
37) Ethyl Acetate	7.169	43	20797	21.496	ug/l #	95
38) Carbon Tetrachloride	7.999	117	50910	20.598	ug/l	94
39) Methylcyclohexane	9.275	83	60928	20.501	ug/l	95
40) Benzene	8.252	78	153527	20.932	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	11598	22.298	ug/l #	87
42) 1,2-Dichloroethane	8.334	62	40069	21.064	ug/l	97
43) Isopropyl Acetate	8.363	43	35868	20.677	ug/l #	78
44) Trichloroethene	9.028	130	37585	20.869	ug/l	88
45) 1,2-Dichloropropane	9.310	63	39487	22.020	ug/l	99
46) Dibromomethane	9.393	93	20497	20.601	ug/l	87
47) Bromodichloromethane	9.587	83	49834	20.357	ug/l	97
48) Methyl methacrylate	9.381	41	15821	19.087	ug/l #	84
49) 1,4-Dioxane	9.381	88	4835	433.200	ug/l	91
51) 4-Methyl-2-Pentanone	10.163	43	98404	104.866	ug/l	88
52) Toluene	10.334	92	91760	20.626	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	46168	20.191	ug/l	99
54) cis-1,3-Dichloropropene	10.022	75	56244	20.778	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	27849	21.449	ug/l	93
56) Ethyl methacrylate	10.599	69	31574	21.440	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	47274	21.116	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	60224	89.923	ug/l	94
59) 2-Hexanone	10.922	43	78527	111.114	ug/l	86
60) Dibromochloromethane	11.075	129	31629	20.985	ug/l	94
61) 1,2-Dibromoethane	11.181	107	25517	20.816	ug/l	99
64) Tetrachloroethene	10.810	164	28230	20.467	ug/l	92
65) Chlorobenzene	11.610	112	96548	20.406	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	33969	20.165	ug/l	96
67) Ethyl Benzene	11.687	91	174848	20.402	ug/l	92
68) m/p-Xylenes	11.793	106	134998	40.943	ug/l	90
69) o-Xylene	12.122	106	61504	20.297	ug/l	89
70) Styrene	12.140	104	104625	20.218	ug/l	96
71) Bromoform	12.298	173	17531	21.131	ug/l #	95
73) Isopropylbenzene	12.422	105	162578	20.993	ug/l	93
74) N-amyl acetate	12.234	43	36226	22.617	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.675	83	31826	21.280	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	20367m	21.289	ug/l	
77) Bromobenzene	12.698	156	36163	21.220	ug/l	81
78) n-propylbenzene	12.763	91	203756	21.121	ug/l	94
79) 2-Chlorotoluene	12.851	91	107819	20.878	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	131815	20.922	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	10064	20.922	ug/l	91
82) 4-Chlorotoluene	12.946	91	114386	20.777	ug/l	96
83) tert-Butylbenzene	13.169	119	113323	21.080	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	131290	20.597	ug/l	98
85) sec-Butylbenzene	13.345	105	177765	21.070	ug/l	95
86) p-Isopropyltoluene	13.463	119	144326	20.885	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	72827	20.570	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	73784	21.063	ug/l	97
89) n-Butylbenzene	13.787	91	139685	20.744	ug/l	98
90) Hexachloroethane	14.057	117	29008	21.016	ug/l	84
91) 1,2-Dichlorobenzene	13.828	146	61887	20.432	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4625	22.061	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	35309	20.154	ug/l	99
94) Hexachlorobutadiene	15.210	225	17375	20.239	ug/l	96
95) Naphthalene	15.328	128	70210	20.099	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	31079	20.147	ug/l	99

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

