

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077914.D
 Acq On : 15 Dec 2023 20:53
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 05:08:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81662	57.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.020%			
35) Dibromofluoromethane	7.810	113	86441	57.083	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.160%			
50) Toluene-d8	10.269	98	343884	56.699	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 113.400%			
62) 4-Bromofluorobenzene	12.575	95	102026	56.266	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 112.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66582	44.231	ug/l	93
3) Chloromethane	2.152	50	122226	59.568	ug/l	99
4) Vinyl Chloride	2.287	62	162638	58.387	ug/l	97
5) Bromomethane	2.693	94	111587	71.392	ug/l	98
6) Chloroethane	2.840	64	116828	61.518	ug/l	97
7) Trichlorofluoromethane	3.175	101	130291	50.787	ug/l	93
8) Diethyl Ether	3.593	74	43368	60.201	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	77357	52.708	ug/l	97
10) Methyl Iodide	4.163	142	94121	70.047	ug/l	92
11) Tert butyl alcohol	5.058	59	20227	297.958	ug/l #	83
12) 1,1-Dichloroethene	3.946	96	77789	53.702	ug/l	85
13) Acrolein	3.805	56	37491	249.591	ug/l	99
14) Allyl chloride	4.563	41	110813	55.623	ug/l	92
15) Acrylonitrile	5.252	53	96006	311.266	ug/l	98
16) Acetone	4.022	43	78541	256.782	ug/l	87
17) Carbon Disulfide	4.275	76	247609	50.526	ug/l	100
18) Methyl Acetate	4.569	43	72497	64.826	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	193986	63.120	ug/l	99
20) Methylene Chloride	4.805	84	102322	62.009	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	97348	59.333	ug/l	93
22) Diisopropyl ether	6.222	45	250826	60.248	ug/l	95
23) Vinyl Acetate	6.157	43	575640	283.139	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	164815	58.459	ug/l	97
25) 2-Butanone	7.081	43	107262	276.379	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	129743	54.810	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	109013	61.748	ug/l	93
28) Bromochloromethane	7.428	49	57477	50.452	ug/l #	80
29) Tetrahydrofuran	7.446	42	67474	298.397	ug/l	89
30) Chloroform	7.599	83	171467	60.768	ug/l	97
31) Cyclohexane	7.881	56	122940	48.675	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	141091	56.721	ug/l	99
36) 1,1-Dichloropropene	8.010	75	124772	51.511	ug/l	97
37) Ethyl Acetate	7.169	43	45400	48.069	ug/l	97
38) Carbon Tetrachloride	7.993	117	123404	51.103	ug/l	93
39) Methylcyclohexane	9.275	83	141322	49.215	ug/l	92
40) Benzene	8.252	78	386162	56.171	ug/l	99

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41) Methacrylonitrile	7.399	41	24026m	50.050	ug/l	
42) 1,2-Dichloroethane	8.328	62	99057	55.586	ug/l	95
43) Isopropyl Acetate	8.363	43	93753	55.841	ug/l	90
44) Trichloroethene	9.028	130	97365	54.346	ug/l	99
45) 1,2-Dichloropropane	9.310	63	98984	59.228	ug/l	96
46) Dibromomethane	9.393	93	52827	59.740	ug/l	92
47) Bromodichloromethane	9.587	83	129939	57.974	ug/l	94
48) Methyl methacrylate	9.381	41	53898	56.474	ug/l #	80
49) 1,4-Dioxane	9.381	88	10317	1174.977	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	242294	282.769	ug/l	91
52) Toluene	10.334	92	241650	56.666	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	125482	58.300	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	151084	58.058	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	72627	60.044	ug/l	95
56) Ethyl methacrylate	10.598	69	62540	58.654	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	123946	59.448	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	149062	245.143	ug/l	94
59) 2-Hexanone	10.922	43	171024	240.576	ug/l	90
60) Dibromochloromethane	11.075	129	87857	60.330	ug/l	96
61) 1,2-Dibromoethane	11.181	107	66728	58.606	ug/l	98
64) Tetrachloroethene	10.810	164	80347	54.723	ug/l	96
65) Chlorobenzene	11.604	112	256536	54.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	98341	59.199	ug/l	97
67) Ethyl Benzene	11.681	91	472600	56.824	ug/l	98
68) m/p-Xylenes	11.792	106	373332	117.354	ug/l	95
69) o-Xylene	12.122	106	172321	58.775	ug/l	92
70) Styrene	12.134	104	264107	60.581	ug/l	94
71) Bromoform	12.298	173	51313	59.118	ug/l #	98
73) Isopropylbenzene	12.422	105	444764	56.506	ug/l	97
74) N-amyl acetate	12.234	43	83278	53.824	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	81606	59.461	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	42316m	46.915	ug/l	
77) Bromobenzene	12.698	156	108819	58.777	ug/l	92
78) n-propylbenzene	12.763	91	535741	55.857	ug/l	97
79) 2-Chlorotoluene	12.845	91	295378	57.466	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	379801	57.854	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	26220	58.897	ug/l	94
82) 4-Chlorotoluene	12.945	91	311393	57.950	ug/l	96
83) tert-Butylbenzene	13.163	119	332097	59.921	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	389058	59.253	ug/l	97
85) sec-Butylbenzene	13.345	105	468515	57.190	ug/l	97
86) p-Isopropyltoluene	13.457	119	429654	58.578	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	223083	58.922	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	214327	56.938	ug/l	99
89) n-Butylbenzene	13.787	91	385961	55.923	ug/l	98
90) Hexachloroethane	14.051	117	79502	58.938	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	188561	58.560	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12449	62.871	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	116991	53.192	ug/l	99
94) Hexachlorobutadiene	15.198	225	64129	54.070	ug/l	98
95) Naphthalene	15.328	128	222735	60.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	103730	57.207	ug/l	99

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

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