

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080823\
 Data File : VD076953.D
 Acq On : 08 Aug 2023 14:30
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 09 05:42:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080823S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 09 05:34:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/21/2023
 Supervised By :Mahesh Dadoda 08/21/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	202539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	350263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	334844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	134420	84.131	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 168.260%#			
35) Dibromofluoromethane	7.804	113	168797	89.640	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 179.280%#			
50) Toluene-d8	10.269	98	549374	90.833	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 181.660%#			
62) 4-Bromofluorobenzene	12.575	95	193789	91.653	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 183.300%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	98846	97.510	ug/l	98
3) Chloromethane	2.146	50	146556	85.301	ug/l	94
4) Vinyl Chloride	2.275	62	224082	88.511	ug/l	96
5) Bromomethane	2.675	94	200425	87.530	ug/l	100
6) Chloroethane	2.828	64	182089	87.546	ug/l	99
7) Trichlorofluoromethane	3.164	101	239713	86.918	ug/l	100
8) Diethyl Ether	3.587	74	81907	92.299	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	159553	84.479	ug/l	98
10) Methyl Iodide	4.158	142	185157	101.797	ug/l	92
11) Tert butyl alcohol	5.058	59	50525	498.699	ug/l	98
12) 1,1-Dichloroethene	3.928	96	138523	89.366	ug/l	95
13) Acrolein	3.793	56	16321	495.123	ug/l	97
14) Allyl chloride	4.558	41	177885	93.442	ug/l	94
15) Acrylonitrile	5.252	53	197326	447.171	ug/l	99
16) Acetone	4.016	43	154050	512.422	ug/l	91
17) Carbon Disulfide	4.263	76	252554	96.251	ug/l	98
18) Methyl Acetate	4.558	43	127621	85.541	ug/l	94
19) Methyl tert-butyl Ether	5.310	73	402779	92.056	ug/l	99
20) Methylene Chloride	4.793	84	197576	100.214	ug/l	90
21) trans-1,2-Dichloroethene	5.305	96	162262	91.642	ug/l	100
22) Diisopropyl ether	6.216	45	460226	92.542	ug/l	98
23) Vinyl Acetate	6.152	43	1120867m	480.561	ug/l	
24) 1,1-Dichloroethane	6.105	63	313104	88.084	ug/l	95
25) 2-Butanone	7.081	43	226780	424.338	ug/l	88
26) 2,2-Dichloropropane	7.069	77	275326	85.310	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	220446	90.733	ug/l	98
28) Bromochloromethane	7.428	49	155774	91.693	ug/l	93
29) Tetrahydrofuran	7.446	42	134891	451.999	ug/l	96
30) Chloroform	7.593	83	357987	88.275	ug/l	96
31) Cyclohexane	7.875	56	184671	100.089	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	301340	90.541	ug/l	98
36) 1,1-Dichloropropene	8.004	75	221397	95.078	ug/l	97
37) Ethyl Acetate	7.169	43	99198	92.321	ug/l	98
38) Carbon Tetrachloride	7.987	117	240652	96.561	ug/l	98
39) Methylcyclohexane	9.275	83	243241	98.594	ug/l	95
40) Benzene	8.252	78	713273	95.265	ug/l	99

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41) Methacrylonitrile	7.404	41	65357	112.726	ug/l	88
42) 1,2-Dichloroethane	8.322	62	188676	93.485	ug/l	96
43) Isopropyl Acetate	8.363	43	190909	94.549	ug/l	94
44) Trichloroethene	9.028	130	193241	93.482	ug/l	90
45) 1,2-Dichloropropane	9.304	63	187457	92.905	ug/l	98
46) Dibromomethane	9.393	93	110658	91.778	ug/l	93
47) Bromodichloromethane	9.587	83	290461	93.912	ug/l	99
48) Methyl methacrylate	9.381	41	81136	91.382	ug/l #	88
49) 1,4-Dioxane	9.381	88	25905	1838.185	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	523375	469.591	ug/l	95
52) Toluene	10.334	92	473317	96.255	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	260606	96.583	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	300185	95.923	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	167870	93.818	ug/l	97
56) Ethyl methacrylate	10.598	69	187890	101.312	ug/l	95
57) 1,3-Dichloropropane	10.881	76	258898	93.135	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	314907	451.696	ug/l	98
59) 2-Hexanone	10.922	43	359886	474.367	ug/l	94
60) Dibromochloromethane	11.075	129	205704	95.324	ug/l	98
61) 1,2-Dibromoethane	11.181	107	149489	93.948	ug/l	99
64) Tetrachloroethene	10.810	164	151033	89.605	ug/l	95
65) Chlorobenzene	11.610	112	548167	92.535	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	212691	90.988	ug/l	97
67) Ethyl Benzene	11.687	91	959899	96.045	ug/l	98
68) m/p-Xylenes	11.793	106	753354	194.083	ug/l	94
69) o-Xylene	12.122	106	362610	97.410	ug/l	93
70) Styrene	12.134	104	644008	97.044	ug/l	97
71) Bromoform	12.298	173	119832	92.469	ug/l #	99
73) Isopropylbenzene	12.422	105	980519	96.009	ug/l	97
74) N-amyl acetate	12.234	43	186008	91.416	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	194699	86.518	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	126691m	83.213	ug/l	
77) Bromobenzene	12.704	156	228392	91.905	ug/l	94
78) n-propylbenzene	12.763	91	1176813	94.726	ug/l	96
79) 2-Chlorotoluene	12.851	91	630762	92.349	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	789129	95.194	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	57241	88.332	ug/l	98
82) 4-Chlorotoluene	12.945	91	662583	92.687	ug/l	96
83) tert-Butylbenzene	13.169	119	732123	96.315	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	804217	95.210	ug/l	97
85) sec-Butylbenzene	13.345	105	1099410	95.741	ug/l	95
86) p-Isopropyltoluene	13.463	119	919379	96.934	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	479144	92.950	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	456002	88.730	ug/l	98
89) n-Butylbenzene	13.787	91	865303	95.778	ug/l	98
90) Hexachloroethane	14.051	117	176712	92.202	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	413395	90.200	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	26367	86.175	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	261381	92.211	ug/l	97
94) Hexachlorobutadiene	15.204	225	130189	91.807	ug/l	98
95) Naphthalene	15.333	128	543757	94.318	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	234596	92.825	ug/l	99

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

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