

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077347.D
 Acq On : 17 Oct 2023 18:17
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD101723

Quant Time: Oct 18 03:04:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/20/2023
 Supervised By : Mahesh Dadoda 10/20/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	206773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	322339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	300893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	88320	47.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.660%		
35) Dibromofluoromethane	7.810	113	109334	48.280	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.560%		
50) Toluene-d8	10.269	98	415649	51.250	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.500%		
62) 4-Bromofluorobenzene	12.575	95	119568	51.216	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	89275	46.441	ug/l	94
3) Chloromethane	2.152	50	180893	46.210	ug/l	99
4) Vinyl Chloride	2.287	62	223382	48.309	ug/l	97
5) Bromomethane	2.693	94	148249	49.890	ug/l	100
6) Chloroethane	2.840	64	156564	48.163	ug/l	99
7) Trichlorofluoromethane	3.175	101	231025	49.250	ug/l	98
8) Diethyl Ether	3.593	74	52014	41.371	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	109608	45.165	ug/l	97
10) Methyl Iodide	4.163	142	149210	50.247	ug/l	94
11) Tert butyl alcohol	5.052	59	21312	205.191	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	102271	42.957	ug/l	98
13) Acrolein	3.799	56	34673	192.309	ug/l	99
14) Allyl chloride	4.563	41	102712	45.470	ug/l	98
15) Acrylonitrile	5.258	53	95877	251.646	ug/l	99
16) Acetone	4.022	43	80913	199.842	ug/l	98
17) Carbon Disulfide	4.275	76	309955	44.288	ug/l	98
18) Methyl Acetate	4.558	43	64385	45.691	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	205646	50.713	ug/l	96
20) Methylene Chloride	4.805	84	127215	52.116	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	121960	49.253	ug/l	94
22) Diisopropyl ether	6.216	45	233852	52.737	ug/l	99
23) Vinyl Acetate	6.157	43	554857	267.006	ug/l	99
24) 1,1-Dichloroethane	6.110	63	177278	48.084	ug/l	99
25) 2-Butanone	7.087	43	100967	240.398	ug/l	94
26) 2,2-Dichloropropane	7.075	77	160034	47.605	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	135054	48.642	ug/l	96
28) Bromochloromethane	7.428	49	66719	49.540	ug/l	92
29) Tetrahydrofuran	7.452	42	59576	245.900	ug/l	96
30) Chloroform	7.599	83	201301	47.588	ug/l	98
31) Cyclohexane	7.881	56	137907	48.007	ug/l	98
32) 1,1,1-Trichloroethane	7.799	97	173373	47.508	ug/l	96
36) 1,1-Dichloropropene	8.010	75	147407	49.539	ug/l	99
37) Ethyl Acetate	7.169	43	44327	47.424	ug/l	99
38) Carbon Tetrachloride	7.993	117	165797	50.087	ug/l	99
39) Methylcyclohexane	9.275	83	185737	51.371	ug/l	97
40) Benzene	8.251	78	451884	50.042	ug/l	99

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41) Methacrylonitrile	7.393	41	22904m	51.345	ug/l	
42) 1,2-Dichloroethane	8.328	62	105398	49.553	ug/l	99
43) Isopropyl Acetate	8.363	43	83638	49.705	ug/l	98
44) Trichloroethene	9.028	130	131113	49.662	ug/l	100
45) 1,2-Dichloropropane	9.310	63	105357	50.614	ug/l	97
46) Dibromomethane	9.398	93	63737	48.978	ug/l	97
47) Bromodichloromethane	9.587	83	153595	49.498	ug/l	97
48) Methyl methacrylate	9.381	41	39950	52.482	ug/l	92
49) 1,4-Dioxane	9.387	88	11714	919.418	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	219708	260.473	ug/l	98
52) Toluene	10.334	92	300012	50.885	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	144262	51.792	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	170123	49.919	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	87930	48.784	ug/l	95
56) Ethyl methacrylate	10.598	69	90305	52.425	ug/l	99
57) 1,3-Dichloropropane	10.881	76	138445	50.003	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	228384	268.104	ug/l	95
59) 2-Hexanone	10.922	43	157273	259.607	ug/l	97
60) Dibromochloromethane	11.075	129	113164	49.170	ug/l	96
61) 1,2-Dibromoethane	11.181	107	85744	50.484	ug/l	99
64) Tetrachloroethene	10.810	164	112933	50.497	ug/l	97
65) Chlorobenzene	11.610	112	328776	50.129	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	124045	49.755	ug/l	96
67) Ethyl Benzene	11.687	91	563016	51.786	ug/l	100
68) m/p-Xylenes	11.792	106	468222	104.877	ug/l	97
69) o-Xylene	12.122	106	214849	52.277	ug/l	98
70) Styrene	12.134	104	376399	53.680	ug/l	100
71) Bromoform	12.298	173	69428	50.801	ug/l #	99
73) Isopropylbenzene	12.422	105	550010	51.250	ug/l	98
74) N-amyl acetate	12.234	43	78866	51.084	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	94958	48.692	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	63107m	29.820	ug/l	
77) Bromobenzene	12.704	156	141966	50.388	ug/l	95
78) n-propylbenzene	12.763	91	663383	51.327	ug/l	99
79) 2-Chlorotoluene	12.851	91	355716	50.530	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	464878	52.493	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	31504	52.029	ug/l	96
82) 4-Chlorotoluene	12.951	91	375278	51.203	ug/l	99
83) tert-Butylbenzene	13.169	119	405514	51.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	468326	52.524	ug/l	99
85) sec-Butylbenzene	13.345	105	612623	51.850	ug/l	98
86) p-Isopropyltoluene	13.463	119	529955	51.630	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	294567	49.680	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	285239	48.546	ug/l	99
89) n-Butylbenzene	13.786	91	469857	52.570	ug/l	99
90) Hexachloroethane	14.057	117	100061	48.226	ug/l	96
91) 1,2-Dichlorobenzene	13.834	146	251003	50.113	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11813	49.490	ug/l	78
93) 1,2,4-Trichlorobenzene	15.104	180	160589	51.459	ug/l	98
94) Hexachlorobutadiene	15.204	225	90130	50.853	ug/l	99
95) Naphthalene	15.333	128	274895	52.172	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	141405	52.204	ug/l	100

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

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