

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077790.D
 Acq On : 08 Dec 2023 14:19
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD120823

Quant Time: Dec 08 15:39:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 12/11/2023
 Supervised By : Mahesh Dadoda 12/11/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	155267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	258874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	122550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	89879	49.125	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.260%		
35) Dibromofluoromethane	7.810	113	90463	49.888	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.780%		
50) Toluene-d8	10.269	98	380367	52.373	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.740%		
62) 4-Bromofluorobenzene	12.575	95	106925	49.244	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	98.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	94492	48.719	ug/l	99
3) Chloromethane	2.152	50	136696	51.706	ug/l	95
4) Vinyl Chloride	2.293	62	177889	49.565	ug/l	96
5) Bromomethane	2.699	94	98905	49.112	ug/l	99
6) Chloroethane	2.846	64	121914	49.824	ug/l	100
7) Trichlorofluoromethane	3.187	101	171257	51.810	ug/l	98
8) Diethyl Ether	3.599	74	47427	51.097	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.975	101	96665	51.118	ug/l	98
10) Methyl Iodide	4.175	142	78594	47.769	ug/l	90
11) Tert butyl alcohol	5.058	59	24127	274.966	ug/l #	93
12) 1,1-Dichloroethene	3.952	96	99157	53.128	ug/l	90
13) Acrolein	3.799	56	38250	197.636	ug/l	96
14) Allyl chloride	4.569	41	135311	52.714	ug/l	92
15) Acrylonitrile	5.258	53	107404	270.263	ug/l	98
16) Acetone	4.022	43	101184	256.748	ug/l #	84
17) Carbon Disulfide	4.281	76	324080	51.325	ug/l	99
18) Methyl Acetate	4.569	43	76392	53.017	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	217849	55.016	ug/l	97
20) Methylene Chloride	4.805	84	114180	52.986	ug/l #	84
21) trans-1,2-Dichloroethene	5.322	96	112058	53.009	ug/l #	86
22) Diisopropyl ether	6.216	45	288117	53.712	ug/l #	95
23) Vinyl Acetate	6.158	43	707487	270.085	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	187939	51.737	ug/l	95
25) 2-Butanone	7.087	43	131391	261.972	ug/l #	83
26) 2,2-Dichloropropane	7.081	77	160155	52.511	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	121181	53.274	ug/l	89
28) Bromochloromethane	7.434	49	78524	53.496	ug/l #	78
29) Tetrahydrofuran	7.440	42	79434	272.645	ug/l #	84
30) Chloroform	7.599	83	189155	52.029	ug/l	95
31) Cyclohexane	7.881	56	165854	50.965	ug/l	86
32) 1,1,1-Trichloroethane	7.799	97	168050	52.434	ug/l	99
36) 1,1-Dichloropropene	8.010	75	151090	52.091	ug/l	97
37) Ethyl Acetate	7.169	43	57898	51.193	ug/l #	91
38) Carbon Tetrachloride	7.999	117	153631	53.130	ug/l	92
39) Methylcyclohexane	9.275	83	186632	54.277	ug/l	96
40) Benzene	8.252	78	434656	52.799	ug/l	98

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41) Methacrylonitrile	7.405	41	30788	53.560	ug/l	90
42) 1,2-Dichloroethane	8.328	62	113945	53.397	ug/l	94
43) Isopropyl Acetate	8.363	43	107819	53.629	ug/l #	91
44) Trichloroethene	9.034	130	113047	52.695	ug/l	93
45) 1,2-Dichloropropane	9.304	63	107061	53.497	ug/l	98
46) Dibromomethane	9.393	93	55299	52.224	ug/l	95
47) Bromodichloromethane	9.587	83	142491	53.091	ug/l	98
48) Methyl methacrylate	9.381	41	62677	54.843	ug/l #	78
49) 1,4-Dioxane	9.393	88	11517	1095.359	ug/l #	81
51) 4-Methyl-2-Pentanone	10.157	43	275514	268.518	ug/l	89
52) Toluene	10.334	92	275377	53.926	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	139429	54.098	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	167147	53.640	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	77605	53.580	ug/l	96
56) Ethyl methacrylate	10.598	69	69581	54.497	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	133071	53.301	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	204624	281.028	ug/l	94
59) 2-Hexanone	10.922	43	202064	237.370	ug/l	88
60) Dibromochloromethane	11.075	129	93666	53.713	ug/l	97
61) 1,2-Dibromoethane	11.181	107	70733	51.879	ug/l	95
64) Tetrachloroethene	10.810	164	91424	52.528	ug/l #	88
65) Chlorobenzene	11.610	112	291252	52.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	101118	51.351	ug/l	98
67) Ethyl Benzene	11.687	91	522144	52.962	ug/l	100
68) m/p-Xylenes	11.793	106	404688	107.315	ug/l	90
69) o-Xylene	12.122	106	188853	54.339	ug/l	93
70) Styrene	12.134	104	282018	54.572	ug/l	94
71) Bromoform	12.298	173	55194	53.644	ug/l #	96
73) Isopropylbenzene	12.422	105	501803	54.026	ug/l	97
74) N-amyl acetate	12.234	43	99354	54.417	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	84147	51.958	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	50482m	47.430	ug/l	
77) Bromobenzene	12.704	156	115456	52.847	ug/l	92
78) n-propylbenzene	12.763	91	605215	53.474	ug/l	97
79) 2-Chlorotoluene	12.851	91	323144	53.276	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	413173	53.335	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	27733	52.792	ug/l	90
82) 4-Chlorotoluene	12.951	91	337196	53.178	ug/l	96
83) tert-Butylbenzene	13.169	119	355647	54.380	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	425821	54.958	ug/l	96
85) sec-Butylbenzene	13.345	105	530125	54.838	ug/l	96
86) p-Isopropyltoluene	13.463	119	473518	54.709	ug/l	97
87) 1,3-Dichlorobenzene	13.463	146	237990	53.269	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	237834	53.444	ug/l	99
89) n-Butylbenzene	13.792	91	446670	54.845	ug/l	99
90) Hexachloroethane	14.057	117	85634	53.798	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	198117	52.140	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12289	52.430	ug/l	97
93) 1,2,4-Trichlorobenzene	15.104	180	136119	52.446	ug/l	98
94) Hexachlorobutadiene	15.204	225	76047	54.337	ug/l	98
95) Naphthalene	15.334	128	242543	56.245	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	115270	53.873	ug/l	99

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

