Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
Data File : VD070695.D
Acq On : 13 Oct 2021 14:00
Operator : VA/SY
Sample : VD1013SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBSD01

Manual Integrations APPROVED
apatel
10/19/2021 12:38:01 PM

Quant Time: Oct 14 04:03:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	354596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	613262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	575438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278314	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	188272	45.116	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.240%			
35) Dibromofluoromethane	7.914	113	201049	49.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.620%			
50) Toluene-d8	10.332	98	795886	51.061	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.120%			
62) 4-Bromofluorobenzene	12.620	95	272764	52.358	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	86158	19.922	ug/l	91
3) Chloromethane	2.208	50	103205	19.219	ug/l	96
4) Vinyl Chloride	2.344	62	120562	20.261	ug/l	100
5) Bromomethane	2.750	94	74850	18.459	ug/l	96
6) Chloroethane	2.914	64	69414	18.269	ug/l	93
7) Trichlorofluoromethane	3.273	101	154374	20.017	ug/l	93
8) Diethyl Ether	3.708	74	39736	19.804	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	93344	19.971	ug/l	98
10) Methyl Iodide	4.291	142	83882	18.033	ug/l	99
11) Tert butyl alcohol	5.220	59	21292	102.996	ug/l #	96
12) 1,1-Dichloroethene	4.061	96	84681	20.351	ug/l	87
13) Acrolein	3.920	56	16079	81.012	ug/l	99
14) Allyl chloride	4.708	41	108507	18.733	ug/l	98
15) Acrylonitrile	5.414	53	87250	100.228	ug/l	100
16) Acetone	4.155	43	69005	97.375	ug/l	88
17) Carbon Disulfide	4.408	76	282907	18.622	ug/l	98
18) Methyl Acetate	4.720	43	54872	20.066	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	172023	20.752	ug/l	94
20) Methylene Chloride	4.961	84	107776	15.338	ug/l	98
21) trans-1,2-Dichloroethene	5.473	96	99404	20.310	ug/l	89
22) Diisopropyl ether	6.361	45	239405	20.119	ug/l	98
23) Vinyl Acetate	6.302	43	514057	95.019	ug/l	99
24) 1,1-Dichloroethane	6.261	63	167674	19.131	ug/l	98
25) 2-Butanone	7.208	43	90341	97.368	ug/l	91
26) 2,2-Dichloropropane	7.202	77	147811	20.379	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	105161	20.446	ug/l	96
28) Bromochloromethane	7.543	49	50055	16.403	ug/l	91
29) Tetrahydrofuran	7.561	42	58467	97.765	ug/l	97
30) Chloroform	7.708	83	180955	19.848	ug/l	99
31) Cyclohexane	7.979	56	148545	19.224	ug/l	96
32) 1,1,1-Trichloroethane	7.896	97	159875	20.359	ug/l	97
36) 1,1-Dichloropropene	8.108	75	139834	21.469	ug/l	99
37) Ethyl Acetate	7.285	43	42499	19.640	ug/l	98
38) Carbon Tetrachloride	8.090	117	144081	21.138	ug/l	96
39) Methylcyclohexane	9.349	83	153867	20.544	ug/l	96
40) Benzene	8.349	78	395134	20.584	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	25339	22.706	ug/l	#	86
42) 1,2-Dichloroethane	8.420	62	100425	20.228	ug/l		100
43) Isopropyl Acetate	8.449	43	78769	19.866	ug/l		96
44) Trichloroethene	9.108	130	102604	21.675	ug/l		95
45) 1,2-Dichloropropane	9.384	63	95357	19.464	ug/l		98
46) Dibromomethane	9.473	93	50552	20.104	ug/l		96
47) Bromodichloromethane	9.655	83	135121	20.823	ug/l		99
48) Methyl methacrylate	9.449	41	38508	20.718	ug/l		98
49) 1,4-Dioxane	9.455	88	10881	425.857	ug/l		94
51) 4-Methyl-2-Pentanone	10.220	43	212120	103.694	ug/l		99
52) Toluene	10.396	92	253395	21.486	ug/l		98
53) t-1,3-Dichloropropene	10.614	75	117671	20.720	ug/l		95
54) cis-1,3-Dichloropropene	10.084	75	144009	21.061	ug/l		96
55) 1,1,2-Trichloroethane	10.796	97	72684	21.218	ug/l		99
56) Ethyl methacrylate	10.655	69	77769	19.860	ug/l		97
57) 1,3-Dichloropropane	10.937	76	122084	20.950	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.937	63	173550	105.154	ug/l		95
59) 2-Hexanone	10.979	43	145461	95.848	ug/l		99
60) Dibromochloromethane	11.131	129	88420	21.427	ug/l		99
61) 1,2-Dibromoethane	11.237	107	64757	20.303	ug/l		100
64) Tetrachloroethene	10.873	164	82451	22.345	ug/l		92
65) Chlorobenzene	11.661	112	255693	20.838	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.731	131	95323	20.883	ug/l		99
67) Ethyl Benzene	11.737	91	456707	21.569	ug/l		98
68) m/p-Xylenes	11.843	106	367327	44.050	ug/l		98
69) o-Xylene	12.173	106	163047	21.983	ug/l		99
70) Styrene	12.184	104	287134	21.973	ug/l		99
71) Bromoform	12.349	173	47452	22.142	ug/l	#	100
73) Isopropylbenzene	12.473	105	436045	21.490	ug/l		100
74) N-amyl acetate	12.278	43	78564	20.546	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.720	83	78490	19.786	ug/l		97
76) 1,2,3-Trichloropropane	12.767	75	60201m	23.898	ug/l		
77) Bromobenzene	12.749	156	95923	21.146	ug/l		96
78) n-propylbenzene	12.808	91	554683	21.602	ug/l		98
79) 2-Chlorotoluene	12.896	91	318188	21.124	ug/l		100
80) 1,3,5-Trimethylbenzene	12.949	105	378725	21.886	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.520	75	23741	20.924	ug/l		95
82) 4-Chlorotoluene	12.996	91	341395	21.680	ug/l		99
83) tert-Butylbenzene	13.214	119	308688	21.584	ug/l		98
84) 1,2,4-Trimethylbenzene	13.255	105	378529	21.985	ug/l		99
85) sec-Butylbenzene	13.390	105	489724	22.089	ug/l		99
86) p-Isopropyltoluene	13.502	119	393627	21.737	ug/l		99
87) 1,3-Dichlorobenzene	13.502	146	207312	21.763	ug/l		99
88) 1,4-Dichlorobenzene	13.584	146	203213	21.518	ug/l		99
89) n-Butylbenzene	13.831	91	368698	21.328	ug/l		100
90) Hexachloroethane	14.096	117	81494	20.815	ug/l		96
91) 1,2-Dichlorobenzene	13.878	146	172566	21.245	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11450	19.991	ug/l		93
93) 1,2,4-Trichlorobenzene	15.143	180	94463	21.603	ug/l		99
94) Hexachlorobutadiene	15.249	225	61290	22.181	ug/l		99
95) Naphthalene	15.384	128	164347	20.184	ug/l		98
96) 1,2,3-Trichlorobenzene	15.578	180	83347	21.639	ug/l		99

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

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