Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021521\
Data File : VD068361.D
Acq On : 15 Feb 2021 14:17
Operator : VA/SY
Sample : VD0215SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0215SBS01

Manual Integrations APPROVED
MMDadoda
2/16/2021 1:18:21 PM

Quant Time: Feb 16 00:15:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	394982	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	684984	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	617151	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	282500	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	218920	54.22	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.44%				
35) Dibromofluoromethane	7.914	113	219038	53.87	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.74%				
50) Toluene-d8	10.344	98	906571	53.79	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.58%				
62) 4-Bromofluorobenzene	12.632	95	283529	51.65	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	77979	21.54	ug/l		97
3) Chloromethane	2.209	50	93437	21.68	ug/l		98
4) Vinyl Chloride	2.350	62	110242	21.37	ug/l		99
5) Bromomethane	2.762	94	79520	21.57	ug/l		97
6) Chloroethane	2.920	64	71467	21.21	ug/l		94
7) Trichlorofluoromethane	3.273	101	136344	21.47	ug/l		99
8) Diethyl Ether	3.709	74	39344	21.10	ug/l		98
9) 1,1,2-Trichlorotrifluo...	4.091	101	82833	21.44	ug/l		94
10) Methyl Iodide	4.303	142	72975	20.11	ug/l		91
11) Tert butyl alcohol	5.220	59	21199	104.72	ug/l		99
12) 1,1-Dichloroethene	4.067	96	80007	21.30	ug/l		95
13) Acrolein	3.920	56	21427	92.56	ug/l		97
14) Allyl chloride	4.720	41	108105	22.13	ug/l		97
15) Acrylonitrile	5.426	53	86558	107.55	ug/l		98
16) Acetone	4.162	43	66986	107.52	ug/l		97
17) Carbon Disulfide	4.414	76	227351	20.90	ug/l		99
18) Methyl Acetate	4.714	43	33348	19.50	ug/l		91
19) Methyl tert-butyl Ether	5.473	73	175510	20.71	ug/l	#	88
20) Methylene Chloride	4.967	84	106688	23.01	ug/l		94
21) trans-1,2-Dichloroethene	5.485	96	90202	20.75	ug/l		91
22) Diisopropyl ether	6.367	45	235224	21.76	ug/l	#	94
23) Vinyl Acetate	6.308	43	607503	108.86	ug/l		95
24) 1,1-Dichloroethane	6.267	63	160076	21.64	ug/l		99
25) 2-Butanone	7.214	43	91221	104.72	ug/l		95
26) 2,2-Dichloropropane	7.214	77	135852	21.48	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	105150	21.28	ug/l		97
28) Bromochloromethane	7.550	49	67485	22.00	ug/l	#	76
29) Tetrahydrofuran	7.567	42	61500	109.15	ug/l		96
30) Chloroform	7.714	83	169286	22.01	ug/l		95
31) Cyclohexane	7.985	56	146512	23.39	ug/l		95
32) 1,1,1-Trichloroethane	7.903	97	142405	21.43	ug/l		96
36) 1,1-Dichloropropene	8.114	75	128381	21.19	ug/l		97
37) Ethyl Acetate	7.291	43	44736	21.85	ug/l	#	95
38) Carbon Tetrachloride	8.097	117	123975	21.45	ug/l		95
39) Methylcyclohexane	9.355	83	158017	21.26	ug/l		97
40) Benzene	8.350	78	367496	21.26	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.526	41	21334m	18.10	ug/l		
42) 1,2-Dichloroethane	8.426	62	98026	21.26	ug/l		98
43) Isopropyl Acetate	8.455	43	82742	21.10	ug/l		99
44) Trichloroethene	9.114	130	97841	20.80	ug/l		91
45) 1,2-Dichloropropane	9.391	63	90146	21.37	ug/l		98
46) Dibromomethane	9.479	93	48258	21.09	ug/l		91
47) Bromodichloromethane	9.661	83	128976	21.74	ug/l	#	98
48) Methyl methacrylate	9.461	41	42861	21.90	ug/l		99
49) 1,4-Dioxane	9.455	88	11737	439.07	ug/l		97
51) 4-Methyl-2-Pentanone	10.232	43	213332	105.93	ug/l		98
52) Toluene	10.402	92	238813	21.49	ug/l		97
53) t-1,3-Dichloropropene	10.626	75	118079	21.51	ug/l		92
54) cis-1,3-Dichloropropene	10.091	75	141220	21.05	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	67733	21.43	ug/l		96
56) Ethyl methacrylate	10.661	69	77219	20.59	ug/l		95
57) 1,3-Dichloropropane	10.949	76	118304	21.33	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	207874	103.51	ug/l		91
59) 2-Hexanone	10.985	43	145798	107.10	ug/l		100
60) Dibromochloromethane	11.144	129	81701	20.83	ug/l		100
61) 1,2-Dibromoethane	11.249	107	63670	20.84	ug/l		96
64) Tetrachloroethene	10.879	164	79511	20.94	ug/l		96
65) Chlorobenzene	11.673	112	252518	21.28	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	85710	20.70	ug/l		97
67) Ethyl Benzene	11.743	91	461364	21.68	ug/l		96
68) m/p-Xylenes	11.855	106	344107	42.79	ug/l		99
69) o-Xylene	12.185	106	159447	21.61	ug/l		96
70) Styrene	12.196	104	271862	21.19	ug/l		99
71) Bromoform	12.361	173	44068	20.72	ug/l	#	100
73) Isopropylbenzene	12.479	105	436112	21.13	ug/l		100
74) N-amyl acetate	12.291	43	77165	21.18	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	72859	20.37	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	42165m	15.69	ug/l		
77) Bromobenzene	12.761	156	96101	20.85	ug/l		89
78) n-propylbenzene	12.820	91	525242	21.26	ug/l		96
79) 2-Chlorotoluene	12.908	91	283323	20.71	ug/l		99
80) 1,3,5-Trimethylbenzene	12.961	105	358291	21.25	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.532	75	21699	20.23	ug/l		96
82) 4-Chlorotoluene	13.002	91	310715	21.48	ug/l		95
83) tert-Butylbenzene	13.220	119	305271	20.87	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	359589	21.40	ug/l		100
85) sec-Butylbenzene	13.402	105	438750	21.45	ug/l		97
86) p-Isopropyltoluene	13.514	119	391300	21.30	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	187414	21.01	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	184821	20.83	ug/l		98
89) n-Butylbenzene	13.838	91	383227	21.38	ug/l		98
90) Hexachloroethane	14.108	117	70882	21.26	ug/l		86
91) 1,2-Dichlorobenzene	13.890	146	160391	20.74	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	10824	20.70	ug/l		83
93) 1,2,4-Trichlorobenzene	15.155	180	108344	21.39	ug/l		98
94) Hexachlorobutadiene	15.261	225	59365	21.31	ug/l		99
95) Naphthalene	15.396	128	196569	20.88	ug/l		99
96) 1,2,3-Trichlorobenzene	15.590	180	89913	20.35	ug/l		99

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

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

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