Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
Data File : VD068369.D
Acq On : 16 Feb 2021 11:30
Operator : VA/SY
Sample : VD0216SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0216SBS01

Manual Integrations APPROVED
MMDadoda
2/17/2021 12:28:20 PM

Quant Time: Feb 17 00:03:57 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	7.979	168	391860	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	664281	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	599952	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	275556	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	208460	52.04	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.08%				
35) Dibromofluoromethane	7.914	113	209683	53.18	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.36%				
50) Toluene-d8	10.344	98	888864	54.39	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.78%				
62) 4-Bromofluorobenzene	12.632	95	277568	52.14	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	75122	20.92	ug/l		96
3) Chloromethane	2.209	50	89093	20.84	ug/l		98
4) Vinyl Chloride	2.350	62	104294	20.38	ug/l		95
5) Bromomethane	2.762	94	75841	20.73	ug/l		94
6) Chloroethane	2.920	64	70761	21.17	ug/l		97
7) Trichlorofluoromethane	3.273	101	131762	20.92	ug/l		95
8) Diethyl Ether	3.715	74	38082	20.59	ug/l		99
9) 1,1,2-Trichlorotrifluo...	4.097	101	80134	20.90	ug/l		92
10) Methyl Iodide	4.309	142	66656	18.52	ug/l		93
11) Tert butyl alcohol	5.220	59	20364	101.39	ug/l		96
12) 1,1-Dichloroethene	4.079	96	75718	20.32	ug/l		97
13) Acrolein	3.932	56	18873	82.18	ug/l		99
14) Allyl chloride	4.720	41	104323	21.53	ug/l		97
15) Acrylonitrile	5.420	53	78894	98.81	ug/l		98
16) Acetone	4.156	43	68537	110.89	ug/l	#	87
17) Carbon Disulfide	4.415	76	219657	20.35	ug/l		100
18) Methyl Acetate	4.720	43	31574	18.61	ug/l		94
19) Methyl tert-butyl Ether	5.485	73	165428	19.67	ug/l		94
20) Methylene Chloride	4.967	84	93775	20.01	ug/l	#	87
21) trans-1,2-Dichloroethene	5.473	96	88709	20.57	ug/l		96
22) Diisopropyl ether	6.367	45	228853	21.34	ug/l		93
23) Vinyl Acetate	6.303	43	571048	103.14	ug/l		99
24) 1,1-Dichloroethane	6.267	63	152307	20.76	ug/l		99
25) 2-Butanone	7.208	43	87576	101.34	ug/l		93
26) 2,2-Dichloropropane	7.208	77	131141	20.90	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	98383	20.07	ug/l		94
28) Bromochloromethane	7.550	49	60225	19.79	ug/l	#	78
29) Tetrahydrofuran	7.567	42	56748	101.52	ug/l		95
30) Chloroform	7.714	83	155504	20.38	ug/l		98
31) Cyclohexane	7.985	56	138305	22.16	ug/l		96
32) 1,1,1-Trichloroethane	7.908	97	137924	20.92	ug/l	#	94
36) 1,1-Dichloropropene	8.114	75	123323	20.99	ug/l		96
37) Ethyl Acetate	7.291	43	39779	20.03	ug/l	#	96
38) Carbon Tetrachloride	8.103	117	115984	20.69	ug/l		97
39) Methylcyclohexane	9.355	83	154471	21.43	ug/l		98
40) Benzene	8.355	78	356007	21.24	ug/l		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	23655	20.69	ug/l	#	91
42) 1,2-Dichloroethane	8.426	62	94457	21.13	ug/l		98
43) Isopropyl Acetate	8.450	43	76756	20.18	ug/l		99
44) Trichloroethene	9.114	130	95086	20.84	ug/l		89
45) 1,2-Dichloropropane	9.385	63	88397	21.61	ug/l		92
46) Dibromomethane	9.473	93	44170	19.91	ug/l		93
47) Bromodichloromethane	9.661	83	124124	21.58	ug/l		93
48) Methyl methacrylate	9.455	41	40966	21.59	ug/l		98
49) 1,4-Dioxane	9.461	88	9669	372.98	ug/l	#	88
51) 4-Methyl-2-Pentanone	10.232	43	203007	103.94	ug/l		96
52) Toluene	10.408	92	227806	21.14	ug/l		94
53) t-1,3-Dichloropropene	10.620	75	111362	20.92	ug/l		97
54) cis-1,3-Dichloropropene	10.091	75	136343	20.96	ug/l		98
55) 1,1,2-Trichloroethane	10.802	97	64090	20.91	ug/l		91
56) Ethyl methacrylate	10.661	69	71688	19.71	ug/l		98
57) 1,3-Dichloropropane	10.949	76	110718	20.58	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	191685	98.43	ug/l		92
59) 2-Hexanone	10.985	43	140915	106.74	ug/l		100
60) Dibromochloromethane	11.144	129	78444	20.62	ug/l		99
61) 1,2-Dibromoethane	11.249	107	60821	20.53	ug/l		100
64) Tetrachloroethene	10.879	164	77005	20.86	ug/l		92
65) Chlorobenzene	11.673	112	242662	21.04	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	81968	20.37	ug/l		97
67) Ethyl Benzene	11.744	91	438937	21.22	ug/l		96
68) m/p-Xylenes	11.855	106	331184	42.37	ug/l		98
69) o-Xylene	12.179	106	149259	20.81	ug/l		99
70) Styrene	12.196	104	259547	20.81	ug/l		99
71) Bromoform	12.361	173	40261	19.47	ug/l	#	98
73) Isopropylbenzene	12.479	105	422225	20.98	ug/l		99
74) N-amyl acetate	12.291	43	72117	20.29	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.732	83	68147	19.54	ug/l		99
76) 1,2,3-Trichloropropane	12.785	75	51394m	19.60	ug/l		
77) Bromobenzene	12.761	156	91736	20.40	ug/l		91
78) n-propylbenzene	12.820	91	507994	21.08	ug/l		99
79) 2-Chlorotoluene	12.908	91	275466	20.64	ug/l		98
80) 1,3,5-Trimethylbenzene	12.961	105	343660	20.89	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.532	75	19630	18.76	ug/l		95
82) 4-Chlorotoluene	13.002	91	294416	20.87	ug/l		96
83) tert-Butylbenzene	13.220	119	294312	20.63	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	343789	20.98	ug/l		98
85) sec-Butylbenzene	13.402	105	422563	21.18	ug/l		98
86) p-Isopropyltoluene	13.514	119	377631	21.08	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	178885	20.56	ug/l		98
88) 1,4-Dichlorobenzene	13.596	146	176157	20.35	ug/l		98
89) n-Butylbenzene	13.843	91	368115	21.06	ug/l		98
90) Hexachloroethane	14.108	117	68963	21.20	ug/l		90
91) 1,2-Dichlorobenzene	13.885	146	155273	20.59	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9598	18.82	ug/l		89
93) 1,2,4-Trichlorobenzene	15.161	180	101606	20.57	ug/l		100
94) Hexachlorobutadiene	15.261	225	54012	19.88	ug/l		98
95) Naphthalene	15.396	128	185090	20.15	ug/l		100
96) 1,2,3-Trichlorobenzene	15.590	180	86897	20.16	ug/l		97

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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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