Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032621\
Data File : VD068678.D
Acq On : 26 Mar 2021 12:19
Operator : VA/SY
Sample : VD0326SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0326SBSD01

Manual Integrations APPROVED
MMDadoda
3/29/2021 4:47:04 PM

Quant Time: Mar 27 00:42:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.985	168	318801	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	531763	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.644	117	470838	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	229221	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	170296	52.97	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.94%				
35) Dibromofluoromethane	7.914	113	178817	54.05	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.10%				
50) Toluene-d8	10.344	98	675798	52.98	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.96%				
62) 4-Bromofluorobenzene	12.632	95	225280	54.47	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.94%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	48711	19.55	ug/l		100
3) Chloromethane	2.209	50	61201	19.93	ug/l		98
4) Vinyl Chloride	2.350	62	74344	20.49	ug/l		97
5) Bromomethane	2.756	94	54962	20.50	ug/l		98
6) Chloroethane	2.921	64	50389	21.20	ug/l		100
7) Trichlorofluoromethane	3.268	101	96971	22.42	ug/l		96
8) Diethyl Ether	3.715	74	26370	22.05	ug/l		100
9) 1,1,2-Trichlorotrifluo...	4.097	101	58011	22.41	ug/l		97
10) Methyl Iodide	4.303	142	50133	18.78	ug/l		98
11) Tert butyl alcohol	5.215	59	20858	140.81	ug/l	#	88
12) 1,1-Dichloroethene	4.062	96	55913	22.19	ug/l		91
13) Acrolein	3.926	56	17749	137.27	ug/l		99
14) Allyl chloride	4.715	41	67194	21.95	ug/l		98
15) Acrylonitrile	5.432	53	60602	104.08	ug/l		97
16) Acetone	4.162	43	49892	127.93	ug/l		96
17) Carbon Disulfide	4.409	76	164322	20.31	ug/l		99
18) Methyl Acetate	4.720	43	22502	20.99	ug/l		100
19) Methyl tert-butyl Ether	5.479	73	124654	19.64	ug/l		97
20) Methylene Chloride	4.962	84	82136	20.83	ug/l		97
21) trans-1,2-Dichloroethene	5.479	96	67029	19.13	ug/l		94
22) Diisopropyl ether	6.367	45	135703	17.44	ug/l		94
23) Vinyl Acetate	6.303	43	364844	88.25	ug/l		99
24) 1,1-Dichloroethane	6.267	63	108861	19.07	ug/l	#	95
25) 2-Butanone	7.214	43	61975	95.90	ug/l		96
26) 2,2-Dichloropropane	7.209	77	98960	19.49	ug/l		99
27) cis-1,2-Dichloroethene	7.214	96	73220	18.76	ug/l		98
28) Bromochloromethane	7.544	49	42462	18.82	ug/l		96
29) Tetrahydrofuran	7.561	42	39738	97.28	ug/l		99
30) Chloroform	7.708	83	118473	19.10	ug/l		97
31) Cyclohexane	7.985	56	99082	19.10	ug/l		96
32) 1,1,1-Trichloroethane	7.909	97	108427	19.58	ug/l		99
36) 1,1-Dichloropropene	8.114	75	92448	19.47	ug/l		99
37) Ethyl Acetate	7.297	43	28437	18.97	ug/l		95
38) Carbon Tetrachloride	8.103	117	90946	19.19	ug/l		97
39) Methylcyclohexane	9.355	83	112469	19.19	ug/l		99
40) Benzene	8.356	78	275359	19.87	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.532	41	19305m	22.01	ug/l		
42) 1,2-Dichloroethane	8.426	62	72451	19.98	ug/l		97
43) Isopropyl Acetate	8.450	43	58082	20.20	ug/l		97
44) Trichloroethene	9.114	130	77132	20.06	ug/l		90
45) 1,2-Dichloropropane	9.391	63	68271	20.59	ug/l		91
46) Dibromomethane	9.473	93	37170	19.72	ug/l		99
47) Bromodichloromethane	9.667	83	94437	19.53	ug/l		99
48) Methyl methacrylate	9.455	41	25958	17.82	ug/l		90
49) 1,4-Dioxane	9.467	88	8570	409.11	ug/l		98
51) 4-Methyl-2-Pentanone	10.226	43	151380	101.14	ug/l		96
52) Toluene	10.402	92	172577	19.68	ug/l		99
53) t-1,3-Dichloropropene	10.620	75	87993	19.78	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	107540	20.36	ug/l		97
55) 1,1,2-Trichloroethane	10.802	97	53535	20.19	ug/l		96
56) Ethyl methacrylate	10.661	69	55868	19.50	ug/l		96
57) 1,3-Dichloropropane	10.950	76	85977	19.87	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.944	63	140248	96.07	ug/l		100
59) 2-Hexanone	10.985	43	105701	105.18	ug/l		96
60) Dibromochloromethane	11.144	129	65651	19.96	ug/l		100
61) 1,2-Dibromoethane	11.249	107	51012	19.93	ug/l		99
64) Tetrachloroethene	10.879	164	62396	20.44	ug/l		93
65) Chlorobenzene	11.673	112	184706	19.93	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.744	131	65900	19.77	ug/l		99
67) Ethyl Benzene	11.744	91	321648	19.90	ug/l		97
68) m/p-Xylenes	11.849	106	259629	41.22	ug/l		99
69) o-Xylene	12.179	106	120030	20.56	ug/l		96
70) Styrene	12.197	104	205641	20.50	ug/l		99
71) Bromoform	12.355	173	36568	20.80	ug/l	#	97
73) Isopropylbenzene	12.479	105	322545	20.48	ug/l		99
74) N-amyl acetate	12.285	43	53838	20.51	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.726	83	56893	20.45	ug/l		98
76) 1,2,3-Trichloropropane	12.779	75	35751m	18.74	ug/l		
77) Bromobenzene	12.761	156	71750	19.42	ug/l		98
78) n-propylbenzene	12.820	91	370852	19.78	ug/l		98
79) 2-Chlorotoluene	12.908	91	195712	19.12	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	253600	19.91	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.526	75	16737	19.96	ug/l		96
82) 4-Chlorotoluene	13.002	91	226620	20.73	ug/l		98
83) tert-Butylbenzene	13.220	119	220925	20.35	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	271801	20.66	ug/l		99
85) sec-Butylbenzene	13.396	105	317038	20.09	ug/l		99
86) p-Isopropyltoluene	13.514	119	286614	19.96	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	147384	20.01	ug/l		98
88) 1,4-Dichlorobenzene	13.591	146	144023	19.89	ug/l		98
89) n-Butylbenzene	13.843	91	277530	20.36	ug/l		98
90) Hexachloroethane	14.114	117	49113	19.01	ug/l		99
91) 1,2-Dichlorobenzene	13.885	146	131130	20.95	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.502	75	8785	22.07	ug/l		92
93) 1,2,4-Trichlorobenzene	15.161	180	80507	19.80	ug/l		97
94) Hexachlorobutadiene	15.261	225	46416	19.99	ug/l		97
95) Naphthalene	15.396	128	139674	19.62	ug/l		98
96) 1,2,3-Trichlorobenzene	15.590	180	70345	20.32	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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