Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012021\
Data File : VD068109.D
Acq On : 20 Jan 2021 13:30
Operator : VA/SY
Sample : VD0120SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 20 14:34:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBSD01

Manual Integrations APPROVED
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1/21/2021 10:39:33 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.985	168	463679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	818381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	743827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	336384	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	214483	48.35	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.70%			
35) Dibromofluoromethane	7.920	113	216476	47.85	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.70%			
50) Toluene-d8	10.344	98	813886	44.97	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 89.94%			
62) 4-Bromofluorobenzene	12.632	95	297110	45.59	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	117765	21.38	ug/l	100
3) Chloromethane	2.215	50	128613	21.68	ug/l	97
4) Vinyl Chloride	2.356	62	142052	21.53	ug/l	98
5) Bromomethane	2.762	94	100287	22.17	ug/l	99
6) Chloroethane	2.926	64	91105	22.60	ug/l	98
7) Trichlorofluoromethane	3.279	101	176274	20.35	ug/l	99
8) Diethyl Ether	3.715	74	55416	21.73	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	103550	20.50	ug/l	93
10) Methyl Iodide	4.303	142	101873	20.01	ug/l	94
11) Tert butyl alcohol	5.215	59	57558	107.46	ug/l	96
12) 1,1-Dichloroethene	4.073	96	102186	20.12	ug/l	91
13) Acrolein	3.926	56	37952	108.58	ug/l	99
14) Allyl chloride	4.720	41	155447	21.04	ug/l	96
15) Acrylonitrile	5.420	53	107225	106.16	ug/l	99
16) Acetone	4.156	43	79422	100.28	ug/l	98
17) Carbon Disulfide	4.420	76	336192	20.55	ug/l	98
18) Methyl Acetate	4.726	43	45236	22.01	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	256339	21.83	ug/l	92
20) Methylene Chloride	4.968	84	128914	20.99	ug/l	90
21) trans-1,2-Dichloroethene	5.479	96	119439	20.48	ug/l	89
22) Diisopropyl ether	6.367	45	321416	21.56	ug/l	94
23) Vinyl Acetate	6.309	43	853564	107.39	ug/l	96
24) 1,1-Dichloroethane	6.267	63	204426	21.16	ug/l	99
25) 2-Butanone	7.220	43	124809	104.66	ug/l	98
26) 2,2-Dichloropropane	7.209	77	179429	19.63	ug/l	99
27) cis-1,2-Dichloroethene	7.220	96	134636	21.26	ug/l	92
28) Bromochloromethane	7.550	49	74343	22.59	ug/l #	79
29) Tetrahydrofuran	7.567	42	82468	106.68	ug/l	94
30) Chloroform	7.714	83	209641	21.47	ug/l	99
31) Cyclohexane	7.991	56	187699	19.54	ug/l	98
32) 1,1,1-Trichloroethane	7.909	97	180741	20.54	ug/l	95
36) 1,1-Dichloropropene	8.114	75	165507	20.05	ug/l	96
37) Ethyl Acetate	7.297	43	59579	20.41	ug/l	98
38) Carbon Tetrachloride	8.103	117	150452	19.48	ug/l	96
39) Methylcyclohexane	9.356	83	208604	19.33	ug/l	99
40) Benzene	8.356	78	473635	20.53	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.520	41	28062	15.93	ug/l	#	78
42) 1,2-Dichloroethane	8.432	62	132300	21.46	ug/l		97
43) Isopropyl Acetate	8.456	43	126997	20.87	ug/l		94
44) Trichloroethene	9.114	130	127468	20.11	ug/l		96
45) 1,2-Dichloropropane	9.391	63	114865	20.33	ug/l		93
46) Dibromomethane	9.479	93	61082	21.33	ug/l		93
47) Bromodichloromethane	9.667	83	160853	20.82	ug/l		97
48) Methyl methacrylate	9.456	41	62569	20.66	ug/l		97
49) 1,4-Dioxane	9.461	88	13360	398.17	ug/l	#	86
51) 4-Methyl-2-Pentanone	10.232	43	297428	105.17	ug/l		97
52) Toluene	10.408	92	301478	20.05	ug/l		95
53) t-1,3-Dichloropropene	10.626	75	160711	20.55	ug/l		98
54) cis-1,3-Dichloropropene	10.091	75	191830	20.61	ug/l		94
55) 1,1,2-Trichloroethane	10.803	97	85834	21.15	ug/l		95
56) Ethyl methacrylate	10.667	69	112624	20.84	ug/l		96
57) 1,3-Dichloropropane	10.950	76	150056	20.96	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.944	63	264510	106.04	ug/l		92
59) 2-Hexanone	10.985	43	199676	101.86	ug/l		97
60) Dibromochloromethane	11.144	129	105673	20.77	ug/l		99
61) 1,2-Dibromoethane	11.250	107	83160	20.77	ug/l		100
64) Tetrachloroethene	10.879	164	102453	19.54	ug/l		96
65) Chlorobenzene	11.673	112	318620	20.16	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.744	131	114964	20.68	ug/l		97
67) Ethyl Benzene	11.744	91	583583	19.94	ug/l		98
68) m/p-Xylenes	11.855	106	435002	39.38	ug/l		95
69) o-Xylene	12.179	106	203335	19.82	ug/l		99
70) Styrene	12.197	104	354246	20.23	ug/l		99
71) Bromoform	12.361	173	58592	20.79	ug/l	#	98
73) Isopropylbenzene	12.479	105	551864	19.72	ug/l		100
74) N-amyl acetate	12.291	43	120260	20.67	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.732	83	92059	20.68	ug/l		98
76) 1,2,3-Trichloropropane	12.785	75	58457m	17.97	ug/l		
77) Bromobenzene	12.761	156	121187	20.19	ug/l		86
78) n-propylbenzene	12.820	91	655232	19.79	ug/l		97
79) 2-Chlorotoluene	12.908	91	365662	19.67	ug/l		97
80) 1,3,5-Trimethylbenzene	12.961	105	464645	19.93	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	31510	19.60	ug/l		95
82) 4-Chlorotoluene	13.008	91	392324	20.29	ug/l		96
83) tert-Butylbenzene	13.220	119	389107	19.70	ug/l		97
84) 1,2,4-Trimethylbenzene	13.267	105	458177	19.80	ug/l		99
85) sec-Butylbenzene	13.402	105	534138	19.33	ug/l		98
86) p-Isopropyltoluene	13.514	119	495045	19.70	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	236210	20.47	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	230112	20.24	ug/l		98
89) n-Butylbenzene	13.844	91	467337	19.38	ug/l		98
90) Hexachloroethane	14.108	117	88038	19.39	ug/l		91
91) 1,2-Dichlorobenzene	13.891	146	202520	20.49	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	15076	20.69	ug/l		81
93) 1,2,4-Trichlorobenzene	15.161	180	136232	20.11	ug/l		99
94) Hexachlorobutadiene	15.267	225	72080	19.19	ug/l		99
95) Naphthalene	15.396	128	253894	19.99	ug/l		100
96) 1,2,3-Trichlorobenzene	15.591	180	113386	19.84	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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