Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040821\
Data File : VD068784.D
Acq On : 08 Apr 2021 12:52
Operator : VA/SY
Sample : VD0408SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 08 16:41:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0408SBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	250602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	420047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	393697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	195355	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126455	47.75	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.50%			
35) Dibromofluoromethane	7.920	113	139593	51.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.18%			
50) Toluene-d8	10.338	98	551399	53.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.00%			
62) 4-Bromofluorobenzene	12.632	95	173840	50.78	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 101.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	48382	19.48	ug/l	99
3) Chloromethane	2.209	50	56849	19.47	ug/l	99
4) Vinyl Chloride	2.350	62	71345	19.45	ug/l	98
5) Bromomethane	2.762	94	55880	20.38	ug/l	92
6) Chloroethane	2.920	64	46541	19.31	ug/l	93
7) Trichlorofluoromethane	3.279	101	84975	19.69	ug/l	90
8) Diethyl Ether	3.714	74	19284	16.55	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	52372	20.11	ug/l	100
10) Methyl Iodide	4.303	142	49645	17.80	ug/l	99
11) Tert butyl alcohol	5.232	59	14488m	83.11	ug/l	
12) 1,1-Dichloroethene	4.067	96	48927	19.50	ug/l	98
13) Acrolein	3.926	56	9036	86.68	ug/l	93
14) Allyl chloride	4.720	41	53267	18.84	ug/l	97
15) Acrylonitrile	5.426	53	47621	91.05	ug/l	100
16) Acetone	4.167	43	34261	93.42	ug/l	95
17) Carbon Disulfide	4.408	76	160713	19.79	ug/l	98
18) Methyl Acetate	4.732	43	17655	17.52	ug/l	100
19) Methyl tert-butyl Ether	5.479	73	101624	18.26	ug/l	96
20) Methylene Chloride	4.967	84	64869	18.84	ug/l	94
21) trans-1,2-Dichloroethene	5.479	96	64640	20.07	ug/l	96
22) Diisopropyl ether	6.367	45	130425	19.04	ug/l	98
23) Vinyl Acetate	6.314	43	321435	88.55	ug/l	97
24) 1,1-Dichloroethane	6.267	63	100902	19.54	ug/l	97
25) 2-Butanone	7.214	43	49676	95.72	ug/l	97
26) 2,2-Dichloropropane	7.208	77	90891	21.55	ug/l	99
27) cis-1,2-Dichloroethene	7.214	96	67845	21.19	ug/l	99
28) Bromochloromethane	7.550	49	34843	18.69	ug/l	98
29) Tetrahydrofuran	7.561	42	32066	91.87	ug/l	96
30) Chloroform	7.714	83	112530	19.91	ug/l	93
31) Cyclohexane	7.985	56	84414	19.15	ug/l	98
32) 1,1,1-Trichloroethane	7.908	97	96989	19.64	ug/l	98
36) 1,1-Dichloropropene	8.114	75	84205	19.80	ug/l	99
37) Ethyl Acetate	7.291	43	23903	19.14	ug/l	99
38) Carbon Tetrachloride	8.097	117	86504	20.55	ug/l	92
39) Methylcyclohexane	9.355	83	98580	19.88	ug/l	98
40) Benzene	8.349	78	245779	19.75	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.514	41	10638	14.39	ug/l	#	67
42) 1,2-Dichloroethane	8.426	62	63190	19.21	ug/l		99
43) Isopropyl Acetate	8.455	43	46490	18.26	ug/l		98
44) Trichloroethene	9.114	130	67845	19.74	ug/l		90
45) 1,2-Dichloropropane	9.391	63	59499	20.02	ug/l		97
46) Dibromomethane	9.479	93	32866	19.85	ug/l		98
47) Bromodichloromethane	9.661	83	84263	19.48	ug/l		98
48) Methyl methacrylate	9.455	41	21092	16.81	ug/l	#	84
49) 1,4-Dioxane	9.461	88	6994	399.05	ug/l	#	85
51) 4-Methyl-2-Pentanone	10.226	43	116862	91.07	ug/l		95
52) Toluene	10.402	92	160781	20.41	ug/l		100
53) t-1,3-Dichloropropene	10.620	75	73467	19.17	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	87881	19.17	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	45121	19.28	ug/l		98
56) Ethyl methacrylate	10.661	69	44685	18.55	ug/l		97
57) 1,3-Dichloropropane	10.949	76	72623	18.84	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.943	63	97459	87.80	ug/l		99
59) 2-Hexanone	10.985	43	78173	91.05	ug/l		97
60) Dibromochloromethane	11.138	129	56664	19.31	ug/l		98
61) 1,2-Dibromoethane	11.249	107	43691	19.21	ug/l		100
64) Tetrachloroethene	10.879	164	58105	21.06	ug/l		95
65) Chlorobenzene	11.667	112	172089	20.19	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.743	131	62049	20.25	ug/l		99
67) Ethyl Benzene	11.743	91	296066	20.06	ug/l		99
68) m/p-Xylenes	11.855	106	230461	40.47	ug/l		99
69) o-Xylene	12.179	106	102634	19.82	ug/l		98
70) Styrene	12.196	104	182518	20.23	ug/l		98
71) Bromoform	12.355	173	30762	18.74	ug/l	#	100
73) Isopropylbenzene	12.479	105	282029	19.77	ug/l		100
74) N-amyl acetate	12.285	43	42343	17.50	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.726	83	48726	18.28	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	35012m	19.62	ug/l		
77) Bromobenzene	12.761	156	67304	19.63	ug/l		96
78) n-propylbenzene	12.820	91	345079	19.92	ug/l		98
79) 2-Chlorotoluene	12.908	91	189174	19.55	ug/l		98
80) 1,3,5-Trimethylbenzene	12.955	105	240396	20.16	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.526	75	13311	17.31	ug/l		95
82) 4-Chlorotoluene	13.002	91	206323	20.11	ug/l		96
83) tert-Butylbenzene	13.220	119	192457	19.02	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	238381	19.79	ug/l		99
85) sec-Butylbenzene	13.396	105	284971	19.96	ug/l		100
86) p-Isopropyltoluene	13.514	119	259385	19.89	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	133471	19.65	ug/l		98
88) 1,4-Dichlorobenzene	13.590	146	132778	19.75	ug/l		98
89) n-Butylbenzene	13.837	91	242601	19.75	ug/l		99
90) Hexachloroethane	14.108	117	50277	19.35	ug/l		99
91) 1,2-Dichlorobenzene	13.884	146	114300	19.44	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	7286	17.98	ug/l		92
93) 1,2,4-Trichlorobenzene	15.155	180	69134	19.00	ug/l		100
94) Hexachlorobutadiene	15.261	225	40955	19.66	ug/l		98
95) Naphthalene	15.396	128	112678	17.78	ug/l		98
96) 1,2,3-Trichlorobenzene	15.584	180	62007	19.49	ug/l		99

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

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