Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072219\
Data File : BM021583.D
Acq On : 22 Jul 2019 09:58
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02001

Quant Time: Jul 22 10:53:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 08 17:45:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	136274	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.49	136	627599	20.00	ng/ul	-0.03
35) Acenaphthene-d10	14.35	164	424107	20.00	ng/ul	-0.03
61) Phenanthrene-d10	17.10	188	1103394	20.00	ng/ul	-0.03
77) Chrysene-d12	21.30	240	1308508	20.00	ng/ul	-0.02
85) Perylene-d12	23.55	264	1551489	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	19760	7.14	ng/uL	-0.01
5) Phenol-d5	6.89	99	209922	19.81	ng/ul	-0.03
7) Bis-(2-Chloroethyl)ether-d	7.06	67	119580	19.03	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.25	132	168924	18.52	ng/ul	-0.02
13) 4-Methylphenol-d8	8.42	113	178879	21.19	ng/ul	-0.03
19) Nitrobenzene-d5	8.87	128	87238	16.88	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.59	143	96151	16.45	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.12	165	205567	17.63	ng/ul	-0.03
29) 4-Chloroaniline-d4	10.65	131	210741	19.99	ng/ul	-0.03
43) Dimethylphthalate-d6	13.77	166	672908	18.12	ng/ul	-0.02
46) Acenaphthylene-d8	14.04	160	816599	17.51	ng/ul	-0.03
51) 4-Nitrophenol-d4	14.58	143	111680	18.97	ng/ul	-0.02
57) Fluorene-d10	15.35	176	589125	17.77	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.49	200	124061	16.73	ng/ul	-0.02
70) Anthracene-d10	17.20	188	1000379	17.45	ng/ul	-0.02
78) Pyrene-d10	19.50	212	1186882	16.53	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.40	264	1463464	16.40	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	22615	7.778	ng/uL#	90
4) Benzaldehyde	6.87	77	103736	18.134	ng/ul	98
6) Phenol	6.91	94	211784	20.882	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	160285	20.441	ng/ul	98
10) 2-Chlorophenol	7.27	128	171810	19.602	ng/ul	98
11) 2-Methylphenol	8.15	108	166548	21.551	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.24	45	212822	22.257	ng/ul	99
14) Acetophenone	8.54	105	288003	22.656	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	143764	22.553	ng/ul	95
16) 4-Methylphenol	8.48	108	183106	22.347	ng/ul	97
17) Hexachloroethane	8.77	117	74552	19.452	ng/ul	98
20) Nitrobenzene	8.92	77	218695	18.887	ng/ul	99
21) Isophorone	9.43	82	416479	20.293	ng/ul	98
23) 2-Nitrophenol	9.62	139	105516	18.125	ng/ul	95
24) 2,4-Dimethylphenol	9.67	107	217129	19.171	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	246854	19.283	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	201349	18.880	ng/ul	99
28) Naphthalene	10.54	128	605289	18.532	ng/ul	99
30) 4-Chloroaniline	10.67	127	210901	20.932	ng/ul	95
31) Hexachlorobutadiene	10.80	225	139115	17.651	ng/ul	97
32) Caprolactam	11.47	113	75898	27.271	ng/ul	96
33) 4-Chloro-3-methylphenol	11.79	107	212643	21.421	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	466786	19.388	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	282771	17.144 ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	138559	16.513 ng/ul#	98
38) 2,4,6-Trichlorophenol	12.77	196	179386	18.275 ng/ul	96
39) 2,4,5-Trichlorophenol	12.85	196	194419	18.687 ng/ul	96
40) 1,1'-Biphenyl	13.18	154	633027	17.834 ng/ul	98
41) 2-Chloronaphthalene	13.22	162	507538	17.842 ng/ul	98
42) 2-Nitroaniline	13.44	65	119386	19.207 ng/ul	94
44) Dimethylphthalate	13.82	163	671886	19.426 ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	118081	18.748 ng/ul	97
47) Acenaphthylene	14.07	152	753734	18.577 ng/ul	100
48) 3-Nitroaniline	14.28	138	99512	17.564 ng/ul	93
49) Acenaphthene	14.42	153	549519	18.639 ng/ul	100
50) 2,4-Dinitrophenol	14.50	184	77102	20.355 ng/ul	97
52) 4-Nitrophenol	14.59	109	94745	21.609 ng/ul	97
53) Dibenzofuran	14.76	168	804325	18.833 ng/ul	98
54) 2,4-Dinitrotoluene	14.74	165	197359	20.430 ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	14.99	232	186737	20.139 ng/ul	99
56) Diethylphthalate	15.19	149	658372	19.826 ng/ul	99
58) Fluorene	15.40	166	663526	19.203 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	369015	19.110 ng/ul	98
60) 4-Nitroaniline	15.45	138	104528	17.968 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.50	198	128997	17.481 ng/ul	98
64) N-Nitrosodiphenylamine	15.62	169	578845	17.635 ng/ul	100
65) 4-Bromophenyl-phenylether	16.30	248	236369	17.314 ng/ul	97
66) Hexachlorobenzene	16.40	284	286145	17.630 ng/ul	99
67) Atrazine	16.58	200	262510	21.648 ng/ul	100
68) Pentachlorophenol	16.76	266	160467	18.756 ng/ul	97
69) Phenanthrene	17.15	178	1124625	18.076 ng/ul	99
71) Anthracene	17.24	178	1158824	18.300 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.14	216	284047	15.704 ng/uL	99
73) Pentachlorobenzene	14.67	250	322059	17.284 ng/uL	99
74) Carbazole	17.52	167	996265	18.955 ng/ul	99
75) Di-n-butylphthalate	18.07	149	1164685	19.342 ng/ul	99
76) Fluoranthene	19.17	202	1449379	19.619 ng/ul	99
79) Pyrene	19.53	202	1500122	17.322 ng/ul	99
80) Butylbenzylphthalate	20.43	149	546333	17.810 ng/ul	100
81) 3,3'-Dichlorobenzidine	21.22	252	493333	16.957 ng/ul	100
82) Benzo(a)anthracene	21.28	228	1655861	18.479 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.20	149	801324	17.759 ng/ul	100
84) Chrysene	21.33	228	1556479	18.477 ng/ul	99
86) Di-n-octyl phthalate	22.09	149	1418682	16.927 ng/ul	100
87) Benzo(b)fluoranthene	22.87	252	1745027	18.049 ng/ul	100
88) Benzo(k)fluoranthene	22.91	252	1751879	18.191 ng/ul	99
90) Benzo(a)pyrene	23.45	252	1712886	18.342 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.81	276	2172885	18.836 ng/ul	100
92) Dibenzo(a,h)anthracene	25.82	278	1805288	18.616 ng/ul	100
93) Benzo(g,h,i)perylene	26.51	276	1789371	18.802 ng/ul	100

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

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