Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030519\
Data File : BN004617.D
Acq On : 05 Mar 2019 10:31
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02096

Quant Time: Mar 05 23:50:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 05 05:46:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	22914	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.52	136	109874	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.37	164	69944	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.12	188	169591	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	226378	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	256390	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2932	7.69	ng/uL	-0.01
5) Phenol-d5	6.89	99	39193	19.19	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	19836	19.36	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	33929	20.49	ng/ul	-0.02
13) 4-Methylphenol-d8	8.42	113	33822	19.27	ng/ul	-0.02
19) Nitrobenzene-d5	8.89	128	16895	23.23	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.60	143	18516	24.39	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.13	165	37341	21.69	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	44817	23.54	ng/ul	-0.02
44) Dimethylphthalate-d6	13.78	166	116748	19.68	ng/ul	-0.02
47) Acenaphthylene-d8	14.06	160	148149	21.08	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.57	143	22782	20.06	ng/ul	-0.01
58) Fluorene-d10	15.36	176	105028	20.11	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.49	200	17587	17.78	ng/ul	-0.01
71) Anthracene-d10	17.22	188	170767	21.01	ng/ul	-0.02
79) Pyrene-d10	19.52	212	206168	20.32	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	278278	20.68	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	3394	7.237	ng/uL	97
4) Benzaldehyde	6.88	77	24432	20.841	ng/ul	97
6) Phenol	6.92	94	39267	19.258	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.16	93	28007	19.202	ng/ul	98
10) 2-Chlorophenol	7.29	128	33592	20.374	ng/ul	99
11) 2-Methylphenol	8.16	108	31562	19.353	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	34051	19.697	ng/ul	97
14) Acetophenone	8.55	105	50690	19.378	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	22767	20.289	ng/ul	98
16) 4-Methylphenol	8.49	108	34329	19.018	ng/ul	97
17) Hexachloroethane	8.79	117	12424	21.522	ng/ul	95
20) Nitrobenzene	8.93	77	34780	21.855	ng/ul	99
21) Isophorone	9.45	82	68525	21.020	ng/ul	99
23) 2-Nitrophenol	9.63	139	19793	23.240	ng/ul	98
24) 2,4-Dimethylphenol	9.69	107	40170	20.909	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.93	93	41836	19.778	ng/ul	100
27) 2,4-Dichlorophenol	10.16	162	36120	21.252	ng/ul	98
28) Naphthalene	10.56	128	115155	20.327	ng/ul	99
30) 4-Chloroaniline	10.68	127	44419	23.310	ng/ul	99
31) Hexachlorobutadiene	10.83	225	23081	21.005	ng/ul	98
32) Caprolactam	11.45	113	12067	21.026	ng/ul	97
33) 4-Chloro-3-methylphenol	11.80	107	39199	21.384	ng/ul	100
34) 2-Methylnaphthalene	12.17	142	87208	20.069	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	85096	19.858	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	48116	20.665	ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	20297	14.020	ng/ul	99
39) 2,4,6-Trichlorophenol	12.79	196	30873	22.440	ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	33908	21.939	ng/ul	98
41) 1,1'-Biphenyl	13.20	154	113535	20.089	ng/ul	99
42) 2-Chloronaphthalene	13.24	162	90032	20.481	ng/ul	99
43) 2-Nitroaniline	13.46	65	21467	23.922	ng/ul	98
45) Dimethylphthalate	13.83	163	112971	19.265	ng/ul	99
46) 2,6-Dinitrotoluene	13.96	165	23310	22.546	ng/ul	96
48) Acenaphthylene	14.09	152	137882	20.663	ng/ul	99
49) 3-Nitroaniline	14.29	138	24402	23.127	ng/ul	98
50) Acenaphthene	14.43	153	98348	20.460	ng/ul	100
51) 2,4-Dinitrophenol	14.49	184	9336	14.515	ng/ul	96
53) 4-Nitrophenol	14.58	109	16445	19.475	ng/ul	97
54) Dibenzofuran	14.77	168	139814	20.108	ng/ul	99
55) 2,4-Dinitrotoluene	14.75	165	35335	21.787	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.99	232	31541	22.367	ng/ul	99
57) Diethylphthalate	15.19	149	115152	19.899	ng/ul	100
59) Fluorene	15.42	166	113874	20.210	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.42	204	59066	19.811	ng/ul	100
61) 4-Nitroaniline	15.45	138	28793	20.967	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	18235	17.538	ng/ul	98
65) N-Nitrosodiphenylamine	15.63	169	99604	20.508	ng/ul	100
66) 4-Bromophenyl-phenylether	16.31	248	39451	20.819	ng/ul	99
67) Hexachlorobenzene	16.42	284	46399	20.904	ng/ul	99
68) Atrazine	16.58	200	38598	20.634	ng/ul	98
69) Pentachlorophenol	16.76	266	26829	20.736	ng/ul	98
70) Phenanthrene	17.16	178	191185	20.318	ng/ul	100
72) Anthracene	17.25	178	196751	20.769	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	49575	21.312	ng/uL	99
74) Pentachlorobenzene	14.68	250	52311	21.039	ng/uL	99
75) Carbazole	17.53	167	177927	21.022	ng/ul	99
76) Di-n-butylphthalate	18.08	149	203894	21.943	ng/ul	99
77) Fluoranthene	19.19	202	244164	21.078	ng/ul	98
80) Pyrene	19.55	202	251439	20.085	ng/ul	99
81) Butylbenzylphthalate	20.45	149	105258	24.468	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	104196	21.944	ng/ul	99
83) Benzo(a)anthracene	21.30	228	288227	20.658	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	160707	24.924	ng/ul	100
85) Chrysene	21.36	228	270313	20.409	ng/ul	100
87) Di-n-octyl phthalate	22.11	149	290620	23.675	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	322339	21.229	ng/ul	99
89) Benzo(k)fluoranthene	22.95	252	293746	19.900	ng/ul	100
91) Benzo(a)pyrene	23.49	252	295603	19.951	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.88	276	326642	17.363	ng/ul	99
93) Dibenzo(a,h)anthracene	25.89	278	276897	17.691	ng/ul	99
94) Benzo(g,h,i)perylene	26.58	276	262711	16.662	ng/ul	99

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

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