Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020819\
Data File : BN004368.D
Acq On : 08 Feb 2019 19:13
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02070

Quant Time: Feb 09 04:45:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 09 04:41:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	28869	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	144477	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	94984	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	235947	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	303958	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	345537	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	4259	8.87	ng/uL	0.00
5) Phenol-d5	6.91	99	51421	19.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	26025	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	43314	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	44652	20.19	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	21555	22.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	22812	22.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	49801	22.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	51300	20.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	169063	20.99	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	203779	21.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	31593	20.49	ng/ul	0.00
58) Fluorene-d10	15.38	176	147386	20.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	27231	19.79	ng/ul	0.00
71) Anthracene-d10	17.23	188	237656	21.02	ng/ul	0.00
79) Pyrene-d10	19.53	212	283817	20.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	381143	21.02	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	4603	7.791	ng/uL	97
4) Benzaldehyde	6.90	77	31097	21.055	ng/ul	97
6) Phenol	6.93	94	51671	20.114	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	37493	20.403	ng/ul	100
10) 2-Chlorophenol	7.31	128	43348	20.868	ng/ul	99
11) 2-Methylphenol	8.18	108	41373	20.136	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.27	45	44195	20.292	ng/ul	98
14) Acetophenone	8.57	105	68522	20.792	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.55	70	30220	21.375	ng/ul	98
16) 4-Methylphenol	8.51	108	45973	20.215	ng/ul	99
17) Hexachloroethane	8.82	117	15499	21.310	ng/ul	93
20) Nitrobenzene	8.95	77	45081	21.543	ng/ul	99
21) Isophorone	9.47	82	92167	21.501	ng/ul	100
23) 2-Nitrophenol	9.66	139	25662	22.914	ng/ul	98
24) 2,4-Dimethylphenol	9.70	107	53865	21.323	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	57521	20.680	ng/ul	100
27) 2,4-Dichlorophenol	10.18	162	48657	21.772	ng/ul	98
28) Naphthalene	10.59	128	153930	20.664	ng/ul	99
30) 4-Chloroaniline	10.70	127	52152	20.813	ng/ul	98
31) Hexachlorobutadiene	10.86	225	30733	21.270	ng/ul	99
32) Caprolactam	11.46	113	15087	19.992	ng/ul	97
33) 4-Chloro-3-methylphenol	11.82	107	52387	21.734	ng/ul	99
34) 2-Methylnaphthalene	12.20	142	118773	20.787	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	116278	20.636	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	65953	20.858	ng/ul	97
38) Hexachlorocyclopentadiene	12.54	237	39024	19.850	ng/ul	98
39) 2,4,6-Trichlorophenol	12.81	196	41418	22.169	ng/ul	99
40) 2,4,5-Trichlorophenol	12.87	196	46260	22.041	ng/ul	97
41) 1,1'-Biphenyl	13.22	154	158569	20.661	ng/ul	99
42) 2-Chloronaphthalene	13.26	162	123498	20.687	ng/ul	100
43) 2-Nitroaniline	13.47	65	27973	22.955	ng/ul	98
45) Dimethylphthalate	13.85	163	164956	20.714	ng/ul	100
46) 2,6-Dinitrotoluene	13.97	165	31376	22.348	ng/ul	97
48) Acenaphthylene	14.11	152	191053	21.084	ng/ul	100
49) 3-Nitroaniline	14.30	138	30385	21.205	ng/ul	98
50) Acenaphthene	14.45	153	136083	20.847	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	16297	18.658	ng/ul	100
53) 4-Nitrophenol	14.60	109	23751	20.713	ng/ul	97
54) Dibenzofuran	14.79	168	193977	20.543	ng/ul	98
55) 2,4-Dinitrotoluene	14.76	165	48848	22.179	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.01	232	42878	22.390	ng/ul	98
57) Diethylphthalate	15.22	149	165382	21.045	ng/ul	100
59) Fluorene	15.44	166	158892	20.766	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	83654	20.661	ng/ul	98
61) 4-Nitroaniline	15.47	138	39552	21.209	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.52	198	28960	20.020	ng/ul	98
65) N-Nitrosodiphenylamine	15.65	169	140493	20.792	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	55550	21.070	ng/ul	99
67) Hexachlorobenzene	16.43	284	64235	20.801	ng/ul	98
68) Atrazine	16.60	200	53755	20.655	ng/ul	99
69) Pentachlorophenol	16.78	266	36331	20.183	ng/ul	98
70) Phenanthrene	17.18	178	268973	20.546	ng/ul	99
72) Anthracene	17.27	178	275201	20.880	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	68022	21.018	ng/uL	99
74) Pentachlorobenzene	14.70	250	72075	20.836	ng/uL	99
75) Carbazole	17.55	167	246577	20.940	ng/ul	100
76) Di-n-butylphthalate	18.10	149	274718	21.251	ng/ul	100
77) Fluoranthene	19.20	202	336882	20.904	ng/ul	98
80) Pyrene	19.56	202	349284	20.779	ng/ul	100
81) Butylbenzylphthalate	20.47	149	127561	22.084	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.25	252	132492	20.782	ng/ul	99
83) Benzo(a)anthracene	21.32	228	385666	20.587	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.24	149	194929	22.515	ng/ul#	97
85) Chrysene	21.37	228	363588	20.445	ng/ul	100
87) Di-n-octyl phthalate	22.13	149	352282	21.294	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	421697	20.607	ng/ul	100
89) Benzo(k)fluoranthene	22.96	252	409614	20.590	ng/ul	100
91) Benzo(a)pyrene	23.50	252	413965	20.732	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.90	276	531795	20.975	ng/ul	98
93) Dibenzo(a,h)anthracene	25.92	278	443835	21.041	ng/ul	99
94) Benzo(g,h,i)perylene	26.61	276	448108	21.088	ng/ul	98

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

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