Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092818\
Data File : BN002869.D
Acq On : 29 Sep 2018 02:12
Operator : MJ/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02066

Quant Time: Sep 29 06:36:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 29 06:35:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	134199	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	581610	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	325606	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	674218	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	549880	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	520182	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	23565	8.10	ng/uL	0.00
5) Phenol-d5	6.82	99	231394	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	143735	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	189997	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	179289	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	90464	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	103937	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	186137	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	226335	21.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	528172	20.72	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	686203	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	75004	17.80	ng/ul	0.00
57) Fluorene-d10	15.26	176	464118	20.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	86030	20.40	ng/ul	0.00
70) Anthracene-d10	17.12	188	660802	20.53	ng/ul	0.00
78) Pyrene-d10	19.42	212	631348	21.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	557043	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	25834	7.944	ng/uL	90
4) Benzaldehyde	6.79	77	146707	23.547	ng/ul	94
6) Phenol	6.84	94	232014	20.190	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	182036	20.595	ng/ul	100
10) 2-Chlorophenol	7.20	128	190369	20.451	ng/ul	97
11) 2-Methylphenol	8.08	108	176160	20.414	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	272655	19.695	ng/ul	99
14) Acetophenone	8.45	105	280943	20.660	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	139308	20.385	ng/ul	97
16) 4-Methylphenol	8.40	108	188226	20.565	ng/ul	100
17) Hexachloroethane	8.69	117	76163	20.352	ng/ul	99
20) Nitrobenzene	8.82	77	211371	20.185	ng/ul	97
21) Isophorone	9.33	82	389971	20.185	ng/ul	99
23) 2-Nitrophenol	9.52	139	110518	20.935	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	209051	20.083	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	246099	20.244	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	181178	20.283	ng/ul	95
28) Naphthalene	10.45	128	607112	20.253	ng/ul	99
30) 4-Chloroaniline	10.56	127	229043	21.485	ng/ul	95
31) Hexachlorobutadiene	10.73	225	114578	20.081	ng/ul	93
32) Caprolactam	11.32	113	53224	19.399	ng/ul	99
33) 4-Chloro-3-methylphenol	11.70	107	183753	20.175	ng/ul	97
34) 2-Methylnaphthalene	12.06	142	432259	20.630	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	218699	20.219 ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	102022	21.077 ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	137243	19.888 ng/ul	99
39) 2,4,5-Trichlorophenol	12.77	196	138144	19.115 ng/ul	97
40) 1,1'-Biphenyl	13.09	154	548135	20.439 ng/ul	99
41) 2-Chloronaphthalene	13.13	162	429275	20.401 ng/ul	98
42) 2-Nitroaniline	13.35	65	114506	19.599 ng/ul	93
44) Dimethylphthalate	13.73	163	521396	20.960 ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	106886	21.328 ng/ul	99
47) Acenaphthylene	13.98	152	646116	20.665 ng/ul	99
48) 3-Nitroaniline	14.19	138	100658	20.599 ng/ul	99
49) Acenaphthene	14.33	153	452578	20.435 ng/ul	98
50) 2,4-Dinitrophenol	14.41	184	45018	16.991 ng/ul#	83
52) 4-Nitrophenol	14.51	109	48964	16.698 ng/ul	97
53) Dibenzofuran	14.66	168	631039	20.721 ng/ul	99
54) 2,4-Dinitrotoluene	14.65	165	151218	21.329 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	117788	20.589 ng/ul	96
56) Diethylphthalate	15.10	149	499837	20.510 ng/ul	99
58) Fluorene	15.32	166	504793	20.694 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	255531	20.949 ng/ul	96
60) 4-Nitroaniline	15.36	138	97995	18.915 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	87537	20.554 ng/ul#	92
64) N-Nitrosodiphenylamine	15.53	169	435330	20.808 ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	154791	20.940 ng/ul	99
66) Hexachlorobenzene	16.33	284	169540	20.996 ng/ul	98
67) Atrazine	16.49	200	146502	20.473 ng/ul	99
68) Pentachlorophenol	16.67	266	70474	18.738 ng/ul	96
69) Phenanthrene	17.06	178	765497	20.607 ng/ul	99
71) Anthracene	17.15	178	770849	20.466 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	231075	20.062 ng/uL	98
73) Pentachlorobenzene	14.59	250	211738	20.588 ng/uL	98
74) Carbazole	17.43	167	657446	20.341 ng/ul	99
75) Di-n-butylphthalate	17.99	149	803072	20.708 ng/ul	99
76) Fluoranthene	19.08	202	793086	20.014 ng/ul	98
79) Pyrene	19.45	202	803425	22.098 ng/ul	98
80) Butylbenzylphthalate	20.36	149	302175	19.973 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.14	252	228692	20.593 ng/ul#	97
82) Benzo(a)anthracene	21.20	228	686851	20.079 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	425265	19.362 ng/ul	97
84) Chrysene	21.26	228	645344	20.127 ng/ul	99
86) Di-n-octyl phthalate	22.01	149	685604	19.940 ng/ul	99
87) Benzo(b)fluoranthene	22.77	252	632627	19.914 ng/ul	99
88) Benzo(k)fluoranthene	22.81	252	617785	20.845 ng/ul	99
90) Benzo(a)pyrene	23.33	252	612498	20.394 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.63	276	716830	20.160 ng/ul	99
92) Dibenzo(a,h)anthracene	25.63	278	600815	20.054 ng/ul	99
93) Benzo(g,h,i)perylene	26.30	276	598877	20.149 ng/ul	98

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

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