Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070318\
Data File : BN001957.D
Acq On : 03 Jul 2018 23:10
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02086

Quant Time: Jul 04 01:00:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	516127	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2344372	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1380571	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3124187	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	3027809	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	2752155	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	89084	7.50	ng/uL	0.00
5) Phenol-d5	6.89	99	968961	20.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	582682	20.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	774035	20.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	773974	20.68	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	385931	22.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	427416	23.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	805091	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1053415	26.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2308706	19.80	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2965293	20.60	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	456394	21.25	ng/ul	0.00
57) Fluorene-d10	15.33	176	2042659	19.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	366118	21.51	ng/ul	0.00
70) Anthracene-d10	17.19	188	3086106	20.45	ng/ul	0.00
76) Pyrene-d10	19.48	212	3288010	21.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	3063735	20.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	92829	7.582	ng/uL#	78
4) Benzaldehyde	6.86	77	624443	21.898	ng/ul	91
6) Phenol	6.91	94	976033	20.721	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	744508	20.390	ng/ul	93
10) 2-Chlorophenol	7.28	128	764913	20.406	ng/ul	99
11) 2-Methylphenol	8.15	108	743573	20.638	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1173559	20.489	ng/ul	95
14) Acetophenone	8.52	105	1184662	20.617	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.51	70	616904	20.817	ng/ul	93
16) 4-Methylphenol	8.48	108	816972	20.809	ng/ul	94
17) Hexachloroethane	8.78	117	292268	19.775	ng/ul	86
20) Nitrobenzene	8.90	77	885952	20.731	ng/ul	92
21) Isophorone	9.42	82	1706756	20.336	ng/ul	98
23) 2-Nitrophenol	9.60	139	447754	22.805	ng/ul	90
24) 2,4-Dimethylphenol	9.67	107	900470	20.378	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.90	93	1057358	20.000	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	775060	20.740	ng/ul	98
28) Naphthalene	10.53	128	2493408	20.043	ng/ul	99
30) 4-Chloroaniline	10.64	127	1031192	26.201	ng/ul	96
31) Hexachlorobutadiene	10.82	225	451754	19.796	ng/ul	96
32) Caprolactam	11.40	113	272238	20.919	ng/ul#	76
33) 4-Chloro-3-methylphenol	11.77	107	848367	20.594	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	1815958	20.124	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	930319	20.747 ng/ul#	96
37) Hexachlorocyclopentadiene	12.50	237	447462	16.367 ng/ul#	97
38) 2,4,6-Trichlorophenol	12.76	196	632831	21.638 ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	666305	21.396 ng/ul	97
40) 1,1'-Biphenyl	13.17	154	2344451	20.444 ng/ul#	95
41) 2-Chloronaphthalene	13.21	162	1831814	20.464 ng/ul	98
42) 2-Nitroaniline	13.42	65	576086	23.068 ng/ul	97
44) Dimethylphthalate	13.80	163	2251236	19.647 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	487984	22.555 ng/ul	99
47) Acenaphthylene	14.06	152	2851131	20.523 ng/ul	99
48) 3-Nitroaniline	14.25	138	523123	25.185 ng/ul	94
49) Acenaphthene	14.40	153	1944766	20.180 ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	240145	21.633 ng/ul#	88
52) 4-Nitrophenol	14.56	109	322367	20.185 ng/ul#	70
53) Dibenzofuran	14.74	168	2778314	20.095 ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	696188	21.642 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.97	232	586801	21.349 ng/ul#	82
56) Diethylphthalate	15.17	149	2282473	19.656 ng/ul	98
58) Fluorene	15.39	166	2205456	19.995 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1099928	19.905 ng/ul	92
60) 4-Nitroaniline	15.41	138	570010	22.228 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	385124	21.322 ng/ul	97
64) N-Nitrosodiphenylamine	15.60	169	1961016	20.989 ng/ul	97
65) 4-Bromophenyl-phenylether	16.28	248	704343	20.755 ng/ul	94
66) Hexachlorobenzene	16.39	284	767532	20.081 ng/ul#	91
67) Atrazine	16.56	200	682312	20.024 ng/ul	99
68) Pentachlorophenol	16.73	266	464939	21.997 ng/ul	97
69) Phenanthrene	17.13	178	3549506	20.169 ng/ul	100
71) Anthracene	17.22	178	3646627	20.470 ng/ul	98
72) Carbazole	17.49	167	3280239	21.981 ng/ul	98
73) Di-n-butylphthalate	18.06	149	3929073	20.851 ng/ul	99
74) Fluoranthene	19.15	202	4111792	22.227 ng/ul#	89
77) Pyrene	19.51	202	4101014	21.644 ng/ul#	86
78) Butylbenzylphthalate	20.43	149	1837270	22.723 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.20	252	1379067	24.001 ng/ul#	98
80) Benzo(a)anthracene	21.27	228	3974266	20.769 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.22	149	2540312	21.069 ng/ul	99
82) Chrysene	21.32	228	3692404	20.738 ng/ul	100
84) Di-n-octyl phthalate	22.09	149	4521666	24.774 ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	3654652	21.025 ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	3428134	20.338 ng/ul#	96
88) Benzo(a)pyrene	23.42	252	3318290	20.428 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	3423636	19.808 ng/ul#	87
90) Dibenzo(a,h)anthracene	25.76	278	2907763	20.214 ng/ul#	95
91) Benzo(g,h,i)perylene	26.43	276	2723669	19.103 ng/ul#	91

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

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