Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031918\
Data File : BN000449.D
Acq On : 19 Mar 2018 11:22
Operator : JU/SJ
Sample : SSTD02013
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02013

Quant Time: Mar 19 12:06:20 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 19 12:03:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	282894	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	1232161	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	664110	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.77	188	1363942	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1199881	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1134168	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	58654	8.60	ng/uL	0.00
5) Phenol-d5	7.56	99	530552	18.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.73	67	305905	18.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	393311	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	423867	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.61	128	192990	23.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.34	143	201741	26.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	366765	21.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.39	131	491745	25.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.43	166	1037026	20.53	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1340339	20.65	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	197886	19.73	ng/ul	0.00
57) Fluorene-d10	16.02	176	879554	19.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	149198	24.37	ng/ul	0.00
70) Anthracene-d10	17.87	188	1256478	19.63	ng/ul	0.00
76) Pyrene-d10	20.12	212	1261980	22.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1035112	20.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	62399	8.305	ng/uL#	86
4) Benzaldehyde	7.54	77	231897	24.630	ng/ul	92
6) Phenol	7.59	94	544844	17.995	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.83	93	429156	18.735	ng/ul	94
10) 2-Chlorophenol	7.98	128	401255	19.341	ng/ul	97
11) 2-Methylphenol	8.87	108	403736	18.360	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.95	45	470891	18.978	ng/ul	95
14) Acetophenone	9.25	105	648338	17.866	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.23	70	328735	20.062	ng/ul	93
16) 4-Methylphenol	9.20	108	437064	17.739	ng/ul	96
17) Hexachloroethane	9.53	117	165164	20.829	ng/ul#	71
20) Nitrobenzene	9.65	77	475003	21.195	ng/ul	95
21) Isophorone	10.17	82	942178	22.236	ng/ul	99
23) 2-Nitrophenol	10.37	139	217580	24.119	ng/ul	93
24) 2,4-Dimethylphenol	10.41	107	473326	20.190	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.64	93	580141	20.053	ng/ul	97
27) 2,4-Dichlorophenol	10.90	162	357162	20.689	ng/ul#	94
28) Naphthalene	11.31	128	1247234	19.142	ng/ul	99
30) 4-Chloroaniline	11.41	127	495351	24.867	ng/ul	97
31) Hexachlorobutadiene	11.58	225	189834	20.759	ng/ul	97
32) Caprolactam	12.17	113	140796	21.514	ng/ul	85
33) 4-Chloro-3-methylphenol	12.51	107	434113	20.484	ng/ul	98
34) 2-Methylnaphthalene	12.90	142	856869	18.869	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	13.26	216	373153	20.496 ng/ul#	94
37) Hexachlorocyclopentadiene	13.22	237	177480	20.141 ng/ul#	98
38) 2,4,6-Trichlorophenol	13.49	196	260060	22.657 ng/ul	99
39) 2,4,5-Trichlorophenol	13.56	196	273028	22.131 ng/ul	98
40) 1,1'-Biphenyl	13.88	154	1075160	19.762 ng/ul#	95
41) 2-Chloronaphthalene	13.94	162	826574	19.783 ng/ul	96
42) 2-Nitroaniline	14.12	65	261723	24.462 ng/ul	95
44) Dimethylphthalate	14.48	163	1029314	20.063 ng/ul	98
45) 2,6-Dinitrotoluene	14.61	165	210235	24.527 ng/ul	92
47) Acenaphthylene	14.77	152	1308909	19.874 ng/ul	100
48) 3-Nitroaniline	14.94	138	224370	21.873 ng/ul	96
49) Acenaphthene	15.11	153	897103	19.315 ng/ul	99
50) 2,4-Dinitrophenol	15.15	184	89215	22.438 ng/ul#	79
52) 4-Nitrophenol	15.24	109	155079	18.329 ng/ul	84
53) Dibenzofuran	15.44	168	1220612	18.932 ng/ul	99
54) 2,4-Dinitrotoluene	15.40	165	303868	22.919 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.66	232	215736	21.676 ng/ul#	91
56) Diethylphthalate	15.82	149	1066846	20.640 ng/ul	95
58) Fluorene	16.08	166	979033	18.915 ng/ul	99
59) 4-Chlorophenyl-phenylether	16.06	204	451981	19.333 ng/ul#	86
60) 4-Nitroaniline	16.09	138	222969	18.168 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	16.16	198	156687	23.638 ng/ul#	88
64) N-Nitrosodiphenylamine	16.27	169	852677	20.102 ng/ul	99
65) 4-Bromophenyl-phenylether	16.95	248	262653	21.163 ng/ul#	86
66) Hexachlorobenzene	17.08	284	278624	20.149 ng/ul#	83
67) Atrazine	17.20	200	289677	22.589 ng/ul	96
68) Pentachlorophenol	17.42	266	146342	19.504 ng/ul	97
69) Phenanthrene	17.81	178	1498613	18.780 ng/ul	100
71) Anthracene	17.90	178	1542872	18.987 ng/ul	98
72) Carbazole	18.17	167	1400127	19.229 ng/ul	98
73) Di-n-butylphthalate	18.68	149	1844646	23.351 ng/ul	99
74) Fluoranthene	19.79	202	1621930	19.414 ng/ul#	79
77) Pyrene	20.15	202	1644174	21.770 ng/ul#	76
78) Butylbenzylphthalate	21.00	149	839235	28.721 ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.79	252	486126	22.502 ng/ul#	95
80) Benzo(a)anthracene	21.88	228	1504238	20.322 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.75	149	1216493	27.708 ng/ul#	96
82) Chrysene	21.93	228	1406405	19.654 ng/ul	100
84) Di-n-octyl phthalate	22.71	149	2019009	29.176 ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	1342677	20.387 ng/ul#	94
86) Benzo(k)fluoranthene	23.67	252	1351605	20.799 ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1287237	19.601 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.95	276	1316315	17.146 ng/ul#	79
90) Dibenzo(a,h)anthracene	26.95	278	1107075	17.299 ng/ul#	90
91) Benzo(g,h,i)perylene	27.74	276	1071472	16.730 ng/ul#	85

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

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