Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032618\
Data File : BN000623.D
Acq On : 26 Mar 2018 17:02
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02035

Quant Time: Mar 27 02:22:00 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 27 02:19:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	134290	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	591449	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	333507	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	718154	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	692592	20.00	ng/ul	0.00
83) Perylene-d12	24.36	264	731437	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	25836	6.87	ng/uL	0.00
5) Phenol-d5	7.55	99	246875	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	140019	19.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	186326	19.67	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	202390	20.74	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	92359	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	99084	19.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	181585	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	232102	25.35	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	534591	20.29	ng/ul	0.00
46) Acenaphthylene-d8	14.73	160	683972	19.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	92472	18.90	ng/ul	0.00
57) Fluorene-d10	16.01	176	458773	20.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	71736	17.44	ng/ul	0.00
70) Anthracene-d10	17.85	188	673597	19.51	ng/ul	0.00
76) Pyrene-d10	20.11	212	707047	18.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.20	264	671064	19.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	27727	6.849	ng/uL#	91
4) Benzaldehyde	7.53	77	106950	20.938	ng/ul	91
6) Phenol	7.58	94	252542	19.758	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.81	93	197287	19.451	ng/ul	93
10) 2-Chlorophenol	7.97	128	190020	19.646	ng/ul	96
11) 2-Methylphenol	8.85	108	191329	20.410	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.94	45	211002	19.303	ng/ul#	92
14) Acetophenone	9.24	105	305339	21.048	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.22	70	154151	20.317	ng/ul	93
16) 4-Methylphenol	9.19	108	205332	20.459	ng/ul	94
17) Hexachloroethane	9.51	117	79089	19.598	ng/ul#	77
20) Nitrobenzene	9.64	77	228262	19.250	ng/ul	94
21) Isophorone	10.15	82	445921	19.727	ng/ul	98
23) 2-Nitrophenol	10.35	139	104757	19.573	ng/ul	95
24) 2,4-Dimethylphenol	10.40	107	227707	19.751	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	274609	19.235	ng/ul	97
27) 2,4-Dichlorophenol	10.90	162	175338	20.253	ng/ul#	95
28) Naphthalene	11.30	128	607849	19.571	ng/ul	99
30) 4-Chloroaniline	11.41	127	234334	25.214	ng/ul	99
31) Hexachlorobutadiene	11.57	225	102707	21.409	ng/ul	98
32) Caprolactam	12.15	113	68756	21.725	ng/ul	84
33) 4-Chloro-3-methylphenol	12.51	107	217214	21.342	ng/ul	97
34) 2-Methylnaphthalene	12.88	142	423814	20.438	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.25	216	198417	19.803 ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	107557	20.586 ng/ul	99
38) 2,4,6-Trichlorophenol	13.48	196	133534	19.648 ng/ul	99
39) 2,4,5-Trichlorophenol	13.55	196	139667	19.709 ng/ul	99
40) 1,1'-Biphenyl	13.87	154	546493	19.249 ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	421391	19.255 ng/ul	96
42) 2-Nitroaniline	14.12	65	132762	20.022 ng/ul	96
44) Dimethylphthalate	14.47	163	526062	20.185 ng/ul	98
45) 2,6-Dinitrotoluene	14.60	165	109563	20.862 ng/ul	93
47) Acenaphthylene	14.76	152	664355	19.510 ng/ul	100
48) 3-Nitroaniline	14.93	138	113846	22.452 ng/ul#	94
49) Acenaphthene	15.10	153	452745	19.500 ng/ul	99
50) 2,4-Dinitrophenol	15.15	184	50912	20.548 ng/ul#	83
52) 4-Nitrophenol	15.24	109	75650	20.009 ng/ul	90
53) Dibenzofuran	15.42	168	630718	20.001 ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	159733	21.453 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.65	232	111750	20.651 ng/ul#	90
56) Diethylphthalate	15.81	149	551526	20.733 ng/ul	96
58) Fluorene	16.07	166	505849	20.187 ng/ul	100
59) 4-Chlorophenyl-phenylether	16.05	204	239331	20.669 ng/ul#	86
60) 4-Nitroaniline	16.08	138	118308	20.768 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.15	198	75509	17.390 ng/ul#	86
64) N-Nitrosodiphenylamine	16.26	169	437707	18.501 ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	145763	19.913 ng/ul#	86
66) Hexachlorobenzene	17.07	284	162340	21.003 ng/ul#	86
67) Atrazine	17.19	200	156740	21.966 ng/ul	97
68) Pentachlorophenol	17.41	266	83974	20.579 ng/ul	97
69) Phenanthrene	17.80	178	795867	19.236 ng/ul	100
71) Anthracene	17.89	178	817067	19.260 ng/ul	98
72) Carbazole	18.15	167	740686	20.360 ng/ul	97
73) Di-n-butylphthalate	18.67	149	977219	19.753 ng/ul	99
74) Fluoranthene	19.78	202	910233	22.140 ng/ul#	85
77) Pyrene	20.14	202	910681	18.002 ng/ul#	82
78) Butylbenzylphthalate	20.98	149	456418	18.164 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.78	252	282068	20.846 ng/ul#	97
80) Benzo(a)anthracene	21.87	228	864323	18.730 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	650693	17.837 ng/ul#	97
82) Chrysene	21.92	228	810237	18.729 ng/ul	100
84) Di-n-octyl phthalate	22.68	149	1133794	18.416 ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	883366	19.113 ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	818655	18.348 ng/ul#	96
88) Benzo(a)pyrene	24.25	252	827198	19.017 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.92	276	856046	18.252 ng/ul#	83
90) Dibenzo(a,h)anthracene	26.93	278	722441	18.489 ng/ul#	92
91) Benzo(g,h,i)perylene	27.72	276	682450	17.509 ng/ul#	90

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

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