Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032918\
Data File : BN000689.D
Acq On : 29 Mar 2018 21:00
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02043

Quant Time: Mar 30 02:09:59 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 30 02:08:15 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	140372	20.00	ng/ul	0.00
18) Naphthalene-d8	11.24	136	629087	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	354797	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	755632	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	725634	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	627926	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	30805	7.84	ng/uL	0.00
5) Phenol-d5	7.56	99	283939	21.68	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.71	67	163636	21.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	204892	20.69	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	225433	22.10	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	99958	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	105444	19.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	197215	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	240538	24.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	578497	20.64	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	747420	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	15.24	143	95840	18.41	ng/ul	0.02
57) Fluorene-d10	16.01	176	503735	21.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	66764	15.43	ng/ul	0.00
70) Anthracene-d10	17.85	188	738828	20.34	ng/ul	0.00
76) Pyrene-d10	20.11	212	779224	19.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	614620	20.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	33360	7.883	ng/uL#	87
4) Benzaldehyde	7.53	77	122947	23.027	ng/ul	95
6) Phenol	7.58	94	292175	21.868	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.81	93	225772	21.295	ng/ul	96
10) 2-Chlorophenol	7.97	128	211701	20.939	ng/ul	98
11) 2-Methylphenol	8.86	108	213529	21.791	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.93	45	253373	22.174	ng/ul#	94
14) Acetophenone	9.24	105	344472	22.717	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.21	70	171731	21.653	ng/ul	94
16) 4-Methylphenol	9.19	108	233769	22.284	ng/ul	94
17) Hexachloroethane	9.50	117	84969	20.143	ng/ul#	71
20) Nitrobenzene	9.63	77	257964	20.453	ng/ul	96
21) Isophorone	10.15	82	494098	20.551	ng/ul	98
23) 2-Nitrophenol	10.35	139	115259	20.247	ng/ul	93
24) 2,4-Dimethylphenol	10.40	107	252635	20.602	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.63	93	309173	20.361	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	193947	21.062	ng/ul#	94
28) Naphthalene	11.30	128	675319	20.442	ng/ul	99
30) 4-Chloroaniline	11.40	127	242148	24.496	ng/ul	97
31) Hexachlorobutadiene	11.56	225	106388	20.849	ng/ul	96
32) Caprolactam	12.14	113	75384	22.394	ng/ul	88
33) 4-Chloro-3-methylphenol	12.51	107	236315	21.829	ng/ul	97
34) 2-Methylnaphthalene	12.88	142	468204	21.228	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	209483	19.653	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	97019	17.455	ng/ul#	97
38) 2,4,6-Trichlorophenol	13.48	196	134946	18.664	ng/ul	96
39) 2,4,5-Trichlorophenol	13.57	196	144197	19.127	ng/ul	96
40) 1,1'-Biphenyl	13.87	154	598656	19.821	ng/ul#	95
41) 2-Chloronaphthalene	13.91	162	462207	19.852	ng/ul	95
42) 2-Nitroaniline	14.11	65	147473	20.906	ng/ul	95
44) Dimethylphthalate	14.46	163	577029	20.812	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	116960	20.934	ng/ul#	89
47) Acenaphthylene	14.75	152	734789	20.283	ng/ul	99
48) 3-Nitroaniline	14.93	138	122176	22.649	ng/ul	95
49) Acenaphthene	15.09	153	499176	20.210	ng/ul	99
50) 2,4-Dinitrophenol	15.15	184	32381	12.285	ng/ul#	77
52) 4-Nitrophenol	15.25	109	78291	19.465	ng/ul	88
53) Dibenzofuran	15.42	168	692674	20.648	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	171714	21.678	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.65	232	106165	18.441	ng/ul#	91
56) Diethylphthalate	15.81	149	594834	21.019	ng/ul	95
58) Fluorene	16.07	166	559583	20.991	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.04	204	258418	20.979	ng/ul#	86
60) 4-Nitroaniline	16.08	138	141575	23.361	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	16.14	198	70523	15.436	ng/ul#	84
64) N-Nitrosodiphenylamine	16.25	169	482299	19.375	ng/ul	99
65) 4-Bromophenyl-phenylether	16.93	248	153842	19.974	ng/ul#	85
66) Hexachlorobenzene	17.06	284	166730	20.501	ng/ul#	83
67) Atrazine	17.18	200	162114	21.592	ng/ul	96
68) Pentachlorophenol	17.41	266	53500	12.461	ng/ul	99
69) Phenanthrene	17.80	178	878796	20.187	ng/ul	100
71) Anthracene	17.88	178	910029	20.388	ng/ul	98
72) Carbazole	18.15	167	819507	21.410	ng/ul	98
73) Di-n-butylphthalate	18.67	149	1033742	19.859	ng/ul	99
74) Fluoranthene	19.78	202	989545	22.876	ng/ul#	82
77) Pyrene	20.14	202	1004316	18.949	ng/ul#	78
78) Butylbenzylphthalate	20.98	149	494349	18.778	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	251875	17.767	ng/ul#	97
80) Benzo(a)anthracene	21.86	228	946639	19.580	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	713840	18.677	ng/ul#	97
82) Chrysene	21.91	228	880947	19.436	ng/ul	99
84) Di-n-octyl phthalate	22.68	149	1229140	23.256	ng/ul	100
85) Benzo(b)fluoranthene	23.59	252	823409	20.753	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	817523	21.343	ng/ul#	95
88) Benzo(a)pyrene	24.24	252	756000	20.245	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.91	276	733199	18.209	ng/ul#	82
90) Dibenzo(a,h)anthracene	26.91	278	616572	18.381	ng/ul#	92
91) Benzo(g,h,i)perylene	27.70	276	592445	17.706	ng/ul#	88

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

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