Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032718\
Data File : BN000642.D
Acq On : 27 Mar 2018 12:28
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02037

Quant Time: Mar 28 01:30:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 27 03:53:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	151270	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	659506	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	371931	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	787887	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	708613	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	625881	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	33664	7.95	ng/uL	0.00
5) Phenol-d5	7.55	99	294087	20.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	173018	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	218349	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	231946	21.10	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	106343	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	114244	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	205963	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	266626	26.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	627521	21.36	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	788135	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	99359	18.21	ng/ul	0.00
57) Fluorene-d10	16.01	176	521487	20.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	84204	18.66	ng/ul	0.00
70) Anthracene-d10	17.85	188	769077	20.31	ng/ul	0.00
76) Pyrene-d10	20.11	212	797986	20.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	608616	20.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	35446	7.773	ng/uL#	85
4) Benzaldehyde	7.53	77	125845	21.872	ng/ul	94
6) Phenol	7.58	94	300335	20.859	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.81	93	239942	21.001	ng/ul	96
10) 2-Chlorophenol	7.97	128	223978	20.558	ng/ul	98
11) 2-Methylphenol	8.85	108	223035	21.122	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.93	45	266790	21.667	ng/ul#	94
14) Acetophenone	9.24	105	363351	22.236	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.21	70	184254	21.559	ng/ul	95
16) 4-Methylphenol	9.18	108	239901	21.221	ng/ul	96
17) Hexachloroethane	9.51	117	92623	20.376	ng/ul#	72
20) Nitrobenzene	9.64	77	269459	20.379	ng/ul	94
21) Isophorone	10.15	82	534131	21.191	ng/ul	98
23) 2-Nitrophenol	10.35	139	122415	20.512	ng/ul	92
24) 2,4-Dimethylphenol	10.40	107	261682	20.356	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.63	93	329001	20.667	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	200246	20.743	ng/ul#	95
28) Naphthalene	11.30	128	712107	20.561	ng/ul	99
30) 4-Chloroaniline	11.41	127	265935	25.662	ng/ul	98
31) Hexachlorobutadiene	11.57	225	112358	21.003	ng/ul	97
32) Caprolactam	12.15	113	81006	22.954	ng/ul	85
33) 4-Chloro-3-methylphenol	12.51	107	225579	19.876	ng/ul	98
34) 2-Methylnaphthalene	12.88	142	491097	21.239	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	13.24	216	222153	19.881 ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	119139	20.447 ng/ul	98
38) 2,4,6-Trichlorophenol	13.48	196	148870	19.641 ng/ul	98
39) 2,4,5-Trichlorophenol	13.56	196	152249	19.265 ng/ul	99
40) 1,1'-Biphenyl	13.87	154	634873	20.052 ng/ul#	94
41) 2-Chloronaphthalene	13.92	162	483593	19.814 ng/ul	95
42) 2-Nitroaniline	14.11	65	155353	21.008 ng/ul	95
44) Dimethylphthalate	14.47	163	616212	21.201 ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	124766	21.302 ng/ul#	88
47) Acenaphthylene	14.75	152	771444	20.314 ng/ul	100
48) 3-Nitroaniline	14.93	138	129453	22.893 ng/ul#	92
49) Acenaphthene	15.09	153	527492	20.373 ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	58249	21.080 ng/ul#	79
52) 4-Nitrophenol	15.24	109	79949	18.962 ng/ul	84
53) Dibenzofuran	15.42	168	728325	20.710 ng/ul	98
54) 2,4-Dinitrotoluene	15.38	165	183431	22.091 ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.64	232	118155	19.578 ng/ul#	93
56) Diethylphthalate	15.81	149	643924	21.705 ng/ul	96
58) Fluorene	16.07	166	586495	20.987 ng/ul	100
59) 4-Chlorophenyl-phenylether	16.04	204	275882	21.365 ng/ul#	84
60) 4-Nitroaniline	16.08	138	142457	22.424 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	16.14	198	87344	18.335 ng/ul#	84
64) N-Nitrosodiphenylamine	16.26	169	504299	19.429 ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	163136	20.314 ng/ul#	90
66) Hexachlorobenzene	17.07	284	177761	20.963 ng/ul#	86
67) Atrazine	17.19	200	166073	21.214 ng/ul	97
68) Pentachlorophenol	17.41	266	91232	20.379 ng/ul	97
69) Phenanthrene	17.80	178	914121	20.139 ng/ul	100
71) Anthracene	17.89	178	934505	20.079 ng/ul	98
72) Carbazole	18.15	167	835875	20.943 ng/ul	97
73) Di-n-butylphthalate	18.67	149	1105433	20.367 ng/ul	100
74) Fluoranthene	19.78	202	1006830	22.322 ng/ul#	82
77) Pyrene	20.14	202	1015680	19.624 ng/ul#	77
78) Butylbenzylphthalate	20.98	149	507384	19.736 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.78	252	191590	13.839 ng/ul#	96
80) Benzo(a)anthracene	21.86	228	917853	19.440 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	724115	19.401 ng/ul#	97
82) Chrysene	21.92	228	859458	19.418 ng/ul	99
84) Di-n-octyl phthalate	22.68	149	1211770	23.002 ng/ul	100
85) Benzo(b)fluoranthene	23.60	252	830072	20.989 ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	772760	20.240 ng/ul#	95
88) Benzo(a)pyrene	24.25	252	751872	20.201 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.91	276	731709	18.232 ng/ul#	81
90) Dibenzo(a,h)anthracene	26.91	278	614300	18.373 ng/ul#	92
91) Benzo(g,h,i)perylene	27.70	276	587418	17.613 ng/ul#	88

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

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