Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032318\
Data File : BN000613.D
Acq On : 24 Mar 2018 11:27
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02033

Quant Time: Mar 26 01:28:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 26 01:26:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	184801	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	812879	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	449599	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	945306	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	669050	20.00	ng/ul	0.01
83) Perylene-d12	24.37	264	594401	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	33782	6.53	ng/uL	0.00
5) Phenol-d5	7.56	99	339296	19.68	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.72	67	191788	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	255864	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	9.13	113	273610	20.37	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	125903	19.07	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	134507	19.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	247839	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	320943	25.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	703282	19.80	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	925777	19.76	ng/ul	0.01
51) 4-Nitrophenol-d4	15.22	143	123465	18.72	ng/ul	0.01
57) Fluorene-d10	16.02	176	604853	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.14	200	71282	13.17	ng/ul	0.00
70) Anthracene-d10	17.86	188	884552	19.47	ng/ul	0.00
76) Pyrene-d10	20.12	212	845819	22.90	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.21	264	553647	19.73	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	35498	6.372	ng/uL#	87
4) Benzaldehyde	7.53	77	145077	20.639	ng/ul	93
6) Phenol	7.58	94	345534	19.644	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.81	93	268799	19.258	ng/ul	95
10) 2-Chlorophenol	7.97	128	259402	19.489	ng/ul	97
11) 2-Methylphenol	8.86	108	260848	20.220	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.94	45	285982	19.011	ng/ul#	92
14) Acetophenone	9.25	105	411932	20.635	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.22	70	204826	19.617	ng/ul	93
16) 4-Methylphenol	9.19	108	280093	20.280	ng/ul	98
17) Hexachloroethane	9.51	117	107912	19.432	ng/ul#	76
20) Nitrobenzene	9.64	77	311932	19.140	ng/ul	96
21) Isophorone	10.16	82	595551	19.170	ng/ul	99
23) 2-Nitrophenol	10.35	139	144314	19.619	ng/ul	92
24) 2,4-Dimethylphenol	10.40	107	308258	19.454	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.63	93	366860	18.697	ng/ul	99
27) 2,4-Dichlorophenol	10.90	162	240348	20.199	ng/ul#	95
28) Naphthalene	11.31	128	833225	19.519	ng/ul	99
30) 4-Chloroaniline	11.41	127	321577	25.176	ng/ul	98
31) Hexachlorobutadiene	11.57	225	138503	21.006	ng/ul	97
32) Caprolactam	12.16	113	91001	20.921	ng/ul	85
33) 4-Chloro-3-methylphenol	12.51	107	293033	20.948	ng/ul	96
34) 2-Methylnaphthalene	12.88	142	576299	20.221	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	270898	20.056	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	89870	12.760	ng/ul	99
38) 2,4,6-Trichlorophenol	13.48	196	182955	19.969	ng/ul	98
39) 2,4,5-Trichlorophenol	13.56	196	190427	19.933	ng/ul	98
40) 1,1'-Biphenyl	13.87	154	731511	19.113	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	571093	19.357	ng/ul	95
42) 2-Nitroaniline	14.12	65	178427	19.960	ng/ul	96
44) Dimethylphthalate	14.47	163	691189	19.673	ng/ul#	98
45) 2,6-Dinitrotoluene	14.61	165	148073	20.914	ng/ul	95
47) Acenaphthylene	14.77	152	894699	19.490	ng/ul	99
48) 3-Nitroaniline	14.94	138	163481	23.916	ng/ul#	94
49) Acenaphthene	15.10	153	608282	19.435	ng/ul	98
50) 2,4-Dinitrophenol	15.15	184	52322	15.664	ng/ul#	79
52) 4-Nitrophenol	15.24	109	101096	19.835	ng/ul	90
53) Dibenzofuran	15.43	168	848585	19.962	ng/ul	100
54) 2,4-Dinitrotoluene	15.39	165	211518	21.073	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.65	232	148273	20.325	ng/ul#	89
56) Diethylphthalate	15.81	149	724444	20.201	ng/ul	95
58) Fluorene	16.07	166	673510	19.937	ng/ul	100
59) 4-Chlorophenyl-phenylether	16.05	204	319407	20.462	ng/ul#	85
60) 4-Nitroaniline	16.09	138	180821	23.546	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.15	198	75289	13.173	ng/ul#	90
64) N-Nitrosodiphenylamine	16.27	169	581737	18.680	ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	193621	20.095	ng/ul#	89
66) Hexachlorobenzene	17.07	284	213027	20.938	ng/ul#	86
67) Atrazine	17.20	200	205217	21.849	ng/ul	97
68) Pentachlorophenol	17.41	266	119758	22.296	ng/ul	98
69) Phenanthrene	17.81	178	1043612	19.163	ng/ul	100
71) Anthracene	17.90	178	1070898	19.178	ng/ul	97
72) Carbazole	18.16	167	956337	19.971	ng/ul	98
73) Di-n-butylphthalate	18.67	149	1267351	19.462	ng/ul	99
74) Fluoranthene	19.78	202	1102341	20.370	ng/ul#	82
77) Pyrene	20.15	202	1069783	21.892	ng/ul#	81
78) Butylbenzylphthalate	20.99	149	538947	22.203	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.78	252	224538	17.178	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	839648	18.835	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	749123	21.258	ng/ul#	96
82) Chrysene	21.92	228	780303	18.672	ng/ul	100
84) Di-n-octyl phthalate	22.69	149	1195720	23.900	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	737755	19.643	ng/ul#	95
86) Benzo(k)fluoranthene	23.66	252	681512	18.796	ng/ul#	94
88) Benzo(a)pyrene	24.26	252	677247	19.159	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.94	276	769510	20.189	ng/ul#	85
90) Dibenzo(a,h)anthracene	26.94	278	642298	20.228	ng/ul#	93
91) Benzo(g,h,i)perylene	27.73	276	643902	20.329	ng/ul#	91

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

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