Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062018\
Data File : BN001890.D
Acq On : 20 Jun 2018 17:14
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02089

Quant Time: Jun 20 17:51:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 19 14:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	447812	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	2028042	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	1252692	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	2873412	20.00	ng/ul	0.00
75) Chrysene-d12	21.30	240	3074393	20.00	ng/ul	0.00
83) Perylene-d12	23.53	264	2960661	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	80575	7.81	ng/uL	0.00
5) Phenol-d5	6.89	99	813042	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	507701	20.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	652082	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	649628	20.01	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	318221	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	339700	21.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	683005	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	759891	22.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	2113884	19.98	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2636554	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	407131	20.89	ng/ul	0.00
57) Fluorene-d10	15.34	176	1852045	19.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	325558	20.80	ng/ul	0.00
70) Anthracene-d10	17.19	188	2856419	20.58	ng/ul	0.00
76) Pyrene-d10	19.49	212	3196149	20.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.39	264	3300865	20.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	82451	7.762	ng/uL#	81
4) Benzaldehyde	6.86	77	531839	21.496	ng/ul	91
6) Phenol	6.91	94	828732	20.278	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	643698	20.318	ng/ul	94
10) 2-Chlorophenol	7.28	128	653930	20.107	ng/ul	99
11) 2-Methylphenol	8.15	108	632578	20.236	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	1019561	20.516	ng/ul	96
14) Acetophenone	8.53	105	1038372	20.828	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	531313	20.664	ng/ul	93
16) 4-Methylphenol	8.48	108	698541	20.507	ng/ul	94
17) Hexachloroethane	8.78	117	251531	19.615	ng/ul	87
20) Nitrobenzene	8.90	77	756727	20.469	ng/ul	93
21) Isophorone	9.42	82	1493988	20.577	ng/ul	98
23) 2-Nitrophenol	9.60	139	370054	21.788	ng/ul	93
24) 2,4-Dimethylphenol	9.67	107	775660	20.291	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.91	93	930794	20.352	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	660384	20.428	ng/ul	98
28) Naphthalene	10.54	128	2165867	20.126	ng/ul	99
30) 4-Chloroaniline	10.65	127	757122	22.238	ng/ul	98
31) Hexachlorobutadiene	10.83	225	399448	20.234	ng/ul	98
32) Caprolactam	11.40	113	229512	20.387	ng/ul	90
33) 4-Chloro-3-methylphenol	11.77	107	730761	20.506	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	1574016	20.164	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	806797	19.829 ng/ul#	96
37) Hexachlorocyclopentadiene	12.50	237	482593	19.454 ng/ul#	98
38) 2,4,6-Trichlorophenol	12.76	196	537474	20.254 ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	581889	20.593 ng/ul	97
40) 1,1'-Biphenyl	13.17	154	2090715	20.093 ng/ul#	95
41) 2-Chloronaphthalene	13.21	162	1614820	19.881 ng/ul	98
42) 2-Nitroaniline	13.42	65	480883	21.221 ng/ul	97
44) Dimethylphthalate	13.80	163	2072625	19.935 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	423477	21.571 ng/ul	97
47) Acenaphthylene	14.06	152	2554409	20.264 ng/ul	99
48) 3-Nitroaniline	14.25	138	394268	20.919 ng/ul#	96
49) Acenaphthene	14.41	153	1750306	20.016 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	192665	19.127 ng/ul#	88
52) 4-Nitrophenol	14.56	109	292700	20.199 ng/ul#	72
53) Dibenzofuran	14.75	168	2484185	19.802 ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	623750	21.370 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.97	232	515586	20.673 ng/ul#	85
56) Diethylphthalate	15.18	149	2124370	20.162 ng/ul	98
58) Fluorene	15.39	166	1994381	19.927 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	1001711	19.978 ng/ul	94
60) 4-Nitroaniline	15.42	138	480433	20.647 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.47	198	347107	20.895 ng/ul	97
64) N-Nitrosodiphenylamine	15.61	169	1775941	20.667 ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	643183	20.606 ng/ul	93
66) Hexachlorobenzene	16.40	284	713581	20.299 ng/ul#	92
67) Atrazine	16.56	200	656439	20.946 ng/ul	100
68) Pentachlorophenol	16.74	266	397416	20.444 ng/ul	96
69) Phenanthrene	17.13	178	3300641	20.391 ng/ul	100
71) Anthracene	17.22	178	3398557	20.742 ng/ul	98
72) Carbazole	17.49	167	3041941	22.164 ng/ul	99
73) Di-n-butylphthalate	18.07	149	3716719	21.446 ng/ul	99
74) Fluoranthene	19.16	202	3968059	23.322 ng/ul#	91
77) Pyrene	19.52	202	3992990	20.754 ng/ul#	89
78) Butylbenzylphthalate	20.44	149	1754858	21.375 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.22	252	1231613	21.110 ng/ul#	98
80) Benzo(a)anthracene	21.28	228	3979940	20.483 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.23	149	2600492	21.241 ng/ul	100
82) Chrysene	21.33	228	3703914	20.488 ng/ul	99
84) Di-n-octyl phthalate	22.12	149	4390896	22.363 ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	3867782	20.684 ng/ul#	96
86) Benzo(k)fluoranthene	22.91	252	3617832	19.952 ng/ul#	98
88) Benzo(a)pyrene	23.43	252	3568079	20.419 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.77	276	3701090	19.905 ng/ul#	89
90) Dibenzo(a,h)anthracene	25.79	278	3107967	20.084 ng/ul#	94
91) Benzo(g,h,i)perylene	26.45	276	3000644	19.563 ng/ul#	91

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

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