Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070618\
Data File : BN001981.D
Acq On : 06 Jul 2018 09:07
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02090

Manual Integrations APPROVED
Sohil
7/9/2018 2:09:04 PM

Quant Time: Jul 06 23:15:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 04 00:59:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	517944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2391420	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	1423352	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	3182092	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	2688802	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	2301628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	91754m	7.69	ng/uL	0.00
5) Phenol-d5	6.88	99	938009	20.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	580802	20.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	750486	20.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	745990	19.87	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	370983	20.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	404066	21.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	769888	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	1016296	25.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2258498	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2897402	19.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	408045	18.43	ng/ul	0.00
57) Fluorene-d10	15.33	176	2001829	19.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	340751	19.66	ng/ul	0.00
70) Anthracene-d10	17.18	188	2978639	19.37	ng/ul	0.00
76) Pyrene-d10	19.48	212	3038050	22.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	2408843	19.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	94147	7.663	ng/uL#	78
4) Benzaldehyde	6.86	77	600651	20.990	ng/ul	92
6) Phenol	6.91	94	955601	20.216	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.14	93	731236	19.956	ng/ul	93
10) 2-Chlorophenol	7.28	128	747659	19.876	ng/ul	99
11) 2-Methylphenol	8.15	108	721763	19.963	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1182867	20.579	ng/ul	94
14) Acetophenone	8.52	105	1163469	20.177	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.51	70	603191	20.283	ng/ul	94
16) 4-Methylphenol	8.48	108	793437	20.139	ng/ul	96
17) Hexachloroethane	8.78	117	282863	19.071	ng/ul	85
20) Nitrobenzene	8.90	77	876603	20.109	ng/ul	92
21) Isophorone	9.42	82	1644986	19.214	ng/ul	99
23) 2-Nitrophenol	9.60	139	430466	21.493	ng/ul	93
24) 2,4-Dimethylphenol	9.67	107	869461	19.289	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.90	93	1040370	19.291	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	752219	19.733	ng/ul	97
28) Naphthalene	10.53	128	2430275	19.151	ng/ul	98
30) 4-Chloroaniline	10.64	127	995521	24.797	ng/ul	99
31) Hexachlorobutadiene	10.82	225	439710	18.889	ng/ul	97
32) Caprolactam	11.39	113	253987m	19.133	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	814059	19.373	ng/ul	93
34) 2-Methylnaphthalene	12.15	142	1769473	19.223	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	910291	19.690 ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	432333	15.338 ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	605226	20.072 ng/ul	97
39) 2,4,5-Trichlorophenol	12.83	196	648710	20.205 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	2307608	19.518 ng/ul#	96
41) 2-Chloronaphthalene	13.20	162	1794647	19.446 ng/ul	98
42) 2-Nitroaniline	13.41	65	556368	21.609 ng/ul	94
44) Dimethylphthalate	13.80	163	2211483	18.720 ng/ul	98
45) 2,6-Dinitrotoluene	13.92	165	469989	21.070 ng/ul	98
47) Acenaphthylene	14.06	152	2771048	19.347 ng/ul	99
48) 3-Nitroaniline	14.24	138	483856	22.595 ng/ul	99
49) Acenaphthene	14.40	153	1910902	19.233 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	217632	19.015 ng/ul#	92
52) 4-Nitrophenol	14.56	109	291199	17.686 ng/ul#	72
53) Dibenzofuran	14.74	168	2721265	19.091 ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	678549	20.460 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.96	232	557165	19.662 ng/ul#	82
56) Diethylphthalate	15.17	149	2208205	18.445 ng/ul	98
58) Fluorene	15.39	166	2161595	19.008 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	1080279	18.962 ng/ul	93
60) 4-Nitroaniline	15.41	138	510609	19.313 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.47	198	363430	19.755 ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	1907954	20.049 ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	684950	19.816 ng/ul	95
66) Hexachlorobenzene	16.39	284	748392	19.224 ng/ul#	91
67) Atrazine	16.56	200	654245	18.851 ng/ul	98
68) Pentachlorophenol	16.73	266	403686	18.752 ng/ul	99
69) Phenanthrene	17.13	178	3457038	19.286 ng/ul	99
71) Anthracene	17.22	178	3541964	19.521 ng/ul	98
72) Carbazole	17.49	167	3065107	20.166 ng/ul	99
73) Di-n-butylphthalate	18.06	149	3639025	18.961 ng/ul	99
74) Fluoranthene	19.15	202	3793404	20.133 ng/ul#	89
77) Pyrene	19.51	202	3802677	22.600 ng/ul#	86
78) Butylbenzylphthalate	20.43	149	1564191	21.785 ng/ul	98
79) 3,3'-Dichlorobenzidine	21.20	252	1037480	20.333 ng/ul#	97
80) Benzo(a)anthracene	21.26	228	3332667	19.612 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.21	149	2101985	19.632 ng/ul#	99
82) Chrysene	21.32	228	3088918	19.536 ng/ul	99
84) Di-n-octyl phthalate	22.09	149	3505757	22.968 ng/ul	100
85) Benzo(b)fluoranthene	22.84	252	2927196	20.136 ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	2654387	18.830 ng/ul#	95
88) Benzo(a)pyrene	23.42	252	2634214	19.391 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	2822081	19.523 ng/ul#	86
90) Dibenzo(a,h)anthracene	25.76	278	2377886	19.766 ng/ul#	95
91) Benzo(g,h,i)perylene	26.43	276	2208420	18.521 ng/ul#	92

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

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