Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002022.D
Acq On : 11 Jul 2018 21:54
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02096

Manual Integrations APPROVED
Sohil
7/12/2018 3:04:10 PM

Quant Time: Jul 12 00:55:24 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 11 22:41:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	544296	20.00	ng/ul	0.01
18) Naphthalene-d8	10.49	136	2499209	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.35	164	1465143	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.10	188	3183735	20.00	ng/ul	0.02
75) Chrysene-d12	21.30	240	2190986	20.00	ng/ul	0.02
83) Perylene-d12	23.53	264	2006051	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	89690m	7.16	ng/uL	0.00
5) Phenol-d5	6.90	99	992176	20.14	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	598947	19.71	ng/ul	0.01
9) 2-Chlorophenol-d4	7.26	132	794177	20.34	ng/ul	0.02
13) 4-Methylphenol-d8	8.43	113	796053	20.17	ng/ul	0.02
19) Nitrobenzene-d5	8.86	128	402506	21.69	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	454397	23.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.12	165	824194	20.10	ng/ul	0.02
29) 4-Chloroaniline-d4	10.63	131	1058374	24.93	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	2324341	18.79	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	3008928	19.70	ng/ul	0.01
51) 4-Nitrophenol-d4	14.57	143	421934	18.51	ng/ul	0.03
57) Fluorene-d10	15.35	176	2038997	18.80	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.47	200	285838	16.48	ng/ul	0.02
70) Anthracene-d10	17.19	188	3001090	19.51	ng/ul	0.01
76) Pyrene-d10	19.49	212	2784424	25.21	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.39	264	2099438	19.24	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	90595	7.016	ng/uL#	75
4) Benzaldehyde	6.86	77	629418	20.930	ng/ul	92
6) Phenol	6.93	94	998514	20.101	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	763091	19.817	ng/ul	95
10) 2-Chlorophenol	7.29	128	788383	19.944	ng/ul	99
11) 2-Methylphenol	8.16	108	762926	20.080	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.25	45	1235637	20.456	ng/ul	94
14) Acetophenone	8.53	105	1226803	20.245	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	634888	20.315	ng/ul	92
16) 4-Methylphenol	8.49	108	826708	19.967	ng/ul	94
17) Hexachloroethane	8.78	117	306750	19.680	ng/ul	86
20) Nitrobenzene	8.90	77	923687	20.275	ng/ul	93
21) Isophorone	9.43	82	1773425	19.821	ng/ul	99
23) 2-Nitrophenol	9.61	139	463872	22.163	ng/ul	95
24) 2,4-Dimethylphenol	9.68	107	917500	19.477	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.91	93	1075396	19.081	ng/ul	97
27) 2,4-Dichlorophenol	10.15	162	795941	19.979	ng/ul	99
28) Naphthalene	10.54	128	2553331	19.253	ng/ul	99
30) 4-Chloroaniline	10.65	127	1037298	24.723	ng/ul	98
31) Hexachlorobutadiene	10.82	225	482122	19.818	ng/ul	97
32) Caprolactam	11.42	113	277360m	19.992	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	868673	19.781	ng/ul	97
34) 2-Methylnaphthalene	12.16	142	1842480	19.153	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	946504	19.890	ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	321067	11.066	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	643388	20.729	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	672436	20.346	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	2381551	19.569	ng/ul#	96
41) 2-Chloronaphthalene	13.22	162	1851683	19.492	ng/ul	97
42) 2-Nitroaniline	13.43	65	586696	22.136	ng/ul	97
44) Dimethylphthalate	13.80	163	2257155	18.562	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	495389	21.575	ng/ul	98
47) Acenaphthylene	14.07	152	2875301	19.503	ng/ul	99
48) 3-Nitroaniline	14.26	138	526525	23.886	ng/ul	98
49) Acenaphthene	14.41	153	1969077	19.253	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	163414	13.871	ng/ul#	87
52) 4-Nitrophenol	14.59	109	299584	17.676	ng/ul#	72
53) Dibenzofuran	14.75	168	2779635	18.944	ng/ul	97
54) 2,4-Dinitrotoluene	14.72	165	705276	20.659	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.98	232	579048	19.851	ng/ul#	84
56) Diethylphthalate	15.17	149	2302128	18.681	ng/ul	97
58) Fluorene	15.40	166	2200722	18.800	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.40	204	1092507	18.629	ng/ul	95
60) 4-Nitroaniline	15.42	138	574029	21.092	ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.49	198	295162	16.036	ng/ul	98
64) N-Nitrosodiphenylamine	15.61	169	1930015	20.271	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	695537	20.112	ng/ul	95
66) Hexachlorobenzene	16.40	284	763559	19.603	ng/ul#	90
67) Atrazine	16.57	200	704850	20.298	ng/ul	99
68) Pentachlorophenol	16.75	266	391635	18.183	ng/ul	98
69) Phenanthrene	17.14	178	3446414	19.217	ng/ul	99
71) Anthracene	17.23	178	3527629	19.432	ng/ul	98
72) Carbazole	17.50	167	3113803	20.476	ng/ul	98
73) Di-n-butylphthalate	18.07	149	4008347	20.874	ng/ul	99
74) Fluoranthene	19.16	202	3576406	18.971	ng/ul#	88
77) Pyrene	19.52	202	3449150	25.156	ng/ul#	85
78) Butylbenzylphthalate	20.43	149	1673593	28.605	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.21	252	881637	21.205	ng/ul#	98
80) Benzo(a)anthracene	21.28	228	2770098	20.005	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	2342257	26.846	ng/ul#	99
82) Chrysene	21.33	228	2553775	19.821	ng/ul	100
84) Di-n-octyl phthalate	22.10	149	3733771	28.066	ng/ul	100
85) Benzo(b)fluoranthene	22.86	252	2410540	19.025	ng/ul#	95
86) Benzo(k)fluoranthene	22.91	252	2296337	18.690	ng/ul#	96
88) Benzo(a)pyrene	23.44	252	2269487	19.168	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.79	276	2671791	21.207	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.79	278	2228172	21.250	ng/ul#	94
91) Benzo(g,h,i)perylene	26.47	276	2245776	21.609	ng/ul#	91

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

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