Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071118\
Data File : BN002024.D
Acq On : 12 Jul 2018 11:18
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02097

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

Quant Time: Jul 12 13:08:54 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	7.71	152	738358	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	3434643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	2027686	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.09	188	4471884	20.00	ng/ul	0.01
75) Chrysene-d12	21.30	240	3444104	20.00	ng/ul	0.02
83) Perylene-d12	23.55	264	2972129	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	117889	6.93	ng/uL	0.00
5) Phenol-d5	6.90	99	1350368	20.21	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.05	67	827102	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	1081510	20.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.42	113	1086972	20.31	ng/ul	0.01
19) Nitrobenzene-d5	8.86	128	549181	21.53	ng/ul	0.01
22) 2-Nitrophenol-d4	9.58	143	623024	23.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	1135380	20.14	ng/ul	0.01
29) 4-Chloroaniline-d4	10.63	131	1470169	25.20	ng/ul	0.01
43) Dimethylphthalate-d6	13.76	166	3205455	18.72	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	4130841	19.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	597455	18.94	ng/ul	0.02
57) Fluorene-d10	15.34	176	2813170	18.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	496205	20.37	ng/ul	0.02
70) Anthracene-d10	17.19	188	4190139	19.39	ng/ul	0.01
76) Pyrene-d10	19.49	212	4231315	24.37	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.40	264	3134165	19.39	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	119579	6.827	ng/uL#	77
4) Benzaldehyde	6.86	77	872863	21.397	ng/ul	91
6) Phenol	6.92	94	1361065	20.199	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.15	93	1041060	19.930	ng/ul	95
10) 2-Chlorophenol	7.28	128	1069367	19.942	ng/ul	99
11) 2-Methylphenol	8.16	108	1046317	20.300	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.24	45	1694760	20.683	ng/ul	95
14) Acetophenone	8.53	105	1679335	20.430	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.52	70	866219	20.432	ng/ul	94
16) 4-Methylphenol	8.49	108	1137541	20.254	ng/ul	95
17) Hexachloroethane	8.78	117	413178	19.541	ng/ul	83
20) Nitrobenzene	8.90	77	1266429	20.227	ng/ul	92
21) Isophorone	9.43	82	2451503	19.937	ng/ul	97
23) 2-Nitrophenol	9.61	139	642428	22.334	ng/ul	92
24) 2,4-Dimethylphenol	9.68	107	1265969	19.555	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.90	93	1484286	19.163	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	1089101	19.892	ng/ul	98
28) Naphthalene	10.54	128	3468921	19.033	ng/ul	99
30) 4-Chloroaniline	10.65	127	1440218	24.978	ng/ul	97
31) Hexachlorobutadiene	10.82	225	647796	19.376	ng/ul	97
32) Caprolactam	11.42	113	387202m	20.308	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	1199049	19.868	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	2531164	19.146	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	1291098	19.604	ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	549481	13.684	ng/ul#	99
38) 2,4,6-Trichlorophenol	12.77	196	889971	20.719	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	935043	20.443	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	3235209	19.208	ng/ul#	96
41) 2-Chloronaphthalene	13.22	162	2559770	19.470	ng/ul	98
42) 2-Nitroaniline	13.42	65	826989	22.546	ng/ul	94
44) Dimethylphthalate	13.80	163	3123351	18.559	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	699588	22.016	ng/ul	96
47) Acenaphthylene	14.06	152	3967358	19.444	ng/ul	100
48) 3-Nitroaniline	14.26	138	743123	24.359	ng/ul	95
49) Acenaphthene	14.41	153	2716538	19.192	ng/ul	99
50) 2,4-Dinitrophenol	14.47	184	316259	19.397	ng/ul#	89
52) 4-Nitrophenol	14.58	109	417599	17.803	ng/ul#	70
53) Dibenzofuran	14.75	168	3830311	18.863	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	980922	20.762	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.98	232	810414	20.075	ng/ul#	80
56) Diethylphthalate	15.17	149	3196214	18.741	ng/ul	97
58) Fluorene	15.40	166	3031097	18.710	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.39	204	1510317	18.609	ng/ul	93
60) 4-Nitroaniline	15.42	138	808014	21.453	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.49	198	524442	20.285	ng/ul	96
64) N-Nitrosodiphenylamine	15.61	169	2677156	20.018	ng/ul	99
65) 4-Bromophenyl-phenylether	16.29	248	968651	19.941	ng/ul	97
66) Hexachlorobenzene	16.40	284	1059294	19.362	ng/ul#	93
67) Atrazine	16.56	200	986417	20.224	ng/ul	97
68) Pentachlorophenol	16.75	266	570809	18.867	ng/ul	96
69) Phenanthrene	17.13	178	4798188	19.047	ng/ul	99
71) Anthracene	17.23	178	4952951	19.424	ng/ul	99
72) Carbazole	17.50	167	4413574	20.663	ng/ul	98
73) Di-n-butylphthalate	18.07	149	5511035	20.432	ng/ul	100
74) Fluoranthene	19.16	202	5379269	20.315	ng/ul#	88
77) Pyrene	19.52	202	5255587	24.385	ng/ul#	86
78) Butylbenzylphthalate	20.43	149	2519648	27.396	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.22	252	1438206	22.005	ng/ul#	97
80) Benzo(a)anthracene	21.28	228	4301270	19.761	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.22	149	3474958	25.337	ng/ul	99
82) Chrysene	21.33	228	3971507	19.610	ng/ul	100
84) Di-n-octyl phthalate	22.11	149	5677921	28.806	ng/ul	100
85) Benzo(b)fluoranthene	22.87	252	3672734	19.565	ng/ul#	95
86) Benzo(k)fluoranthene	22.92	252	3408894	18.727	ng/ul#	96
88) Benzo(a)pyrene	23.45	252	3390019	19.325	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.80	276	3899023	20.888	ng/ul#	86
90) Dibenzo(a,h)anthracene	25.81	278	3201200	20.607	ng/ul#	95
91) Benzo(g,h,i)perylene	26.49	276	3281419	21.311	ng/ul#	90

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

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