Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN072318\
Data File : BN002126.D
Acq On : 24 Jul 2018 03:10
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02019

Quant Time: Jul 24 04:21:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 24 02:24:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	254275	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1148794	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	684517	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1526766	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	1354539	20.00	ng/ul	0.00
85) Perylene-d12	23.51	264	1068514	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	40600	7.20	ng/uL	0.00
5) Phenol-d5	6.88	99	461023	19.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	277823	19.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	368130	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	372330	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	188585	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	215295	20.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	386950	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	515633	23.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1160005	19.99	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1458890	20.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	203184	18.33	ng/ul	0.00
57) Fluorene-d10	15.33	176	1001069	20.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	179639	18.06	ng/ul	0.00
70) Anthracene-d10	17.17	188	1506499	20.24	ng/ul	0.00
78) Pyrene-d10	19.47	212	1584783	22.51	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.37	264	1185492	20.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	40359	7.135	ng/uL	92
4) Benzaldehyde	6.85	77	302859	21.323	ng/ul	97
6) Phenol	6.90	94	464455	19.315	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.13	93	355645	19.396	ng/ul#	87
10) 2-Chlorophenol	7.27	128	365867	19.394	ng/ul#	88
11) 2-Methylphenol	8.14	108	355091	19.200	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	572872	19.006	ng/ul#	86
14) Acetophenone	8.51	105	594769	20.317	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.50	70	310893	19.381	ng/ul#	84
16) 4-Methylphenol	8.47	108	389096	19.389	ng/ul	100
17) Hexachloroethane	8.76	117	151724	20.347	ng/ul	99
20) Nitrobenzene	8.89	77	448306	20.465	ng/ul	93
21) Isophorone	9.41	82	864887	19.732	ng/ul	98
23) 2-Nitrophenol	9.59	139	221623	20.108	ng/ul#	90
24) 2,4-Dimethylphenol	9.66	107	448709	20.334	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.89	93	508660	19.278	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	370903	19.833	ng/ul	99
28) Naphthalene	10.52	128	1217149	20.055	ng/ul	100
30) 4-Chloroaniline	10.63	127	502987	22.865	ng/ul	99
31) Hexachlorobutadiene	10.80	225	234189	21.131	ng/ul	98
32) Caprolactam	11.39	113	132393	19.047	ng/ul#	65
33) 4-Chloro-3-methylphenol	11.77	107	418129	19.878	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	881413	19.910	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.51	216	459780	20.714 ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	256576	18.224 ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	306983	20.121 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	318704	19.775 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1153155	20.243 ng/ul	99
41) 2-Chloronaphthalene	13.20	162	904465	20.419 ng/ul	97
42) 2-Nitroaniline	13.41	65	289225	20.308 ng/ul	84
44) Dimethylphthalate	13.79	163	1125783	19.808 ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	243768	20.294 ng/ul	97
47) Acenaphthylene	14.05	152	1401310	20.222 ng/ul	99
48) 3-Nitroaniline	14.24	138	252090	21.291 ng/ul	93
49) Acenaphthene	14.40	153	960803	20.088 ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	113507	16.064 ng/ul#	1
52) 4-Nitrophenol	14.56	109	156892	20.251 ng/ul#	86
53) Dibenzofuran	14.73	168	1365696	20.209 ng/ul	96
54) 2,4-Dinitrotoluene	14.70	165	350107	20.096 ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.96	232	276151	19.514 ng/ul	97
56) Diethylphthalate	15.16	149	1154441	20.004 ng/ul	98
58) Fluorene	15.38	166	1092365	20.248 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	547309	20.425 ng/ul	94
60) 4-Nitroaniline	15.41	138	272053	19.846 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.47	198	191031	18.554 ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	946016	20.258 ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	341719	20.341 ng/ul	90
66) Hexachlorobenzene	16.39	284	376147	20.233 ng/ul	95
67) Atrazine	16.55	200	355672	21.108 ng/ul	96
68) Pentachlorophenol	16.73	266	197297	18.657 ng/ul	99
69) Phenanthrene	17.12	178	1736429	20.252 ng/ul	99
71) Anthracene	17.21	178	1795525	20.562 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	481669	21.158 ng/uL	99
73) Pentachlorobenzene	14.65	250	439910	20.658 ng/uL	99
74) Carbazole	17.48	167	1551285	21.001 ng/ul	99
75) Di-n-butylphthalate	18.05	149	1994741	20.424 ng/ul	100
76) Fluoranthene	19.14	202	1982631	21.789 ng/ul	100
79) Pyrene	19.50	202	1983520	22.820 ng/ul	99
80) Butylbenzylphthalate	20.42	149	912904	22.113 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.20	252	587321	20.449 ng/ul	99
82) Benzo(a)anthracene	21.26	228	1768979	20.503 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.20	149	1325078	22.668 ng/ul#	97
84) Chrysene	21.32	228	1622939	20.183 ng/ul	99
86) Di-n-octyl phthalate	22.08	149	2171028	30.936 ng/ul#	93
87) Benzo(b)fluoranthene	22.85	252	1408409	21.416 ng/ul	98
88) Benzo(k)fluoranthene	22.89	252	1395834	22.342 ng/ul	99
90) Benzo(a)pyrene	23.42	252	1285408	20.570 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.74	276	1293077	17.901 ng/ul	96
92) Dibenzo(a,h)anthracene	25.76	278	1091991	18.063 ng/ul	99
93) Benzo(g,h,i)perylene	26.43	276	1060628	17.474 ng/ul	97

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

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