Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN071618\
Data File : BN002063.D
Acq On : 17 Jul 2018 00:02
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02011

Manual Integrations APPROVED
Sohil
7/17/2018 5:12:13 PM

Quant Time: Jul 17 01:57:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 17 00:49:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	292753	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1354043	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	823478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1873698	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1945053	20.00	ng/ul	0.00
85) Perylene-d12	23.52	264	1900473	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	49381	7.61	ng/uL	0.00
5) Phenol-d5	6.89	99	535786	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	329801	19.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	421970	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	434743	19.58	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	216858	19.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	248673	19.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	449905	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	594182	22.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1388221	19.89	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1731558	19.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	252033	18.90	ng/ul	0.00
57) Fluorene-d10	15.33	176	1199368	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	238987	19.58	ng/ul	0.00
70) Anthracene-d10	17.18	188	1832286	20.06	ng/ul	0.00
78) Pyrene-d10	19.48	212	2022344	20.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	2055297	20.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	49536	7.606	ng/uL	94
4) Benzaldehyde	6.85	77	349441	21.369	ng/ul	96
6) Phenol	6.91	94	542902	19.610	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.13	93	412731	19.551	ng/ul#	86
10) 2-Chlorophenol	7.28	128	423392	19.493	ng/ul#	90
11) 2-Methylphenol	8.15	108	411571	19.329	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	670031	19.307	ng/ul#	86
14) Acetophenone	8.52	105	690090	20.475	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.50	70	365220	19.775	ng/ul#	86
16) 4-Methylphenol	8.48	108	458296	19.836	ng/ul	99
17) Hexachloroethane	8.77	117	172057	20.041	ng/ul	99
20) Nitrobenzene	8.89	77	512593	19.853	ng/ul	95
21) Isophorone	9.42	82	1007351	19.499	ng/ul	98
23) 2-Nitrophenol	9.60	139	255738	19.686	ng/ul	91
24) 2,4-Dimethylphenol	9.66	107	523786	20.139	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	598700	19.251	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	437105	19.830	ng/ul	98
28) Naphthalene	10.53	128	1409952	19.710	ng/ul	100
30) 4-Chloroaniline	10.64	127	583060	22.487	ng/ul	98
31) Hexachlorobutadiene	10.81	225	266730	20.419	ng/ul	98
32) Caprolactam	11.40	113	155349m	18.962	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	492223	19.853	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	1031225	19.764	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	536384	20.088 ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	334357	19.741 ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	359099	19.565 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	386514	19.935 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	1360757	19.856 ng/ul	97
41) 2-Chloronaphthalene	13.20	162	1061752	19.925 ng/ul	96
42) 2-Nitroaniline	13.42	65	346964	20.251 ng/ul	83
44) Dimethylphthalate	13.80	163	1348625	19.725 ng/ul	100
45) 2,6-Dinitrotoluene	13.92	165	291379	20.164 ng/ul	96
47) Acenaphthylene	14.06	152	1659080	19.902 ng/ul	99
48) 3-Nitroaniline	14.25	138	300144	21.072 ng/ul	92
49) Acenaphthene	14.40	153	1139021	19.796 ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	150498	17.705 ng/ul#	1
52) 4-Nitrophenol	14.57	109	191016	20.495 ng/ul#	83
53) Dibenzofuran	14.74	168	1625490	19.995 ng/ul	96
54) 2,4-Dinitrotoluene	14.71	165	421523	20.112 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.97	232	337869	19.846 ng/ul	96
56) Diethylphthalate	15.17	149	1384827	19.947 ng/ul	99
58) Fluorene	15.39	166	1303932	20.091 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	652073	20.228 ng/ul	93
60) 4-Nitroaniline	15.41	138	325788	19.755 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.47	198	244489	19.349 ng/ul	99
64) N-Nitrosodiphenylamine	15.60	169	1142280	19.932 ng/ul	99
65) 4-Bromophenyl-phenylether	16.28	248	413005	20.032 ng/ul	91
66) Hexachlorobenzene	16.39	284	454025	19.900 ng/ul	93
67) Atrazine	16.56	200	429089	20.750 ng/ul	98
68) Pentachlorophenol	16.74	266	240072	18.498 ng/ul	99
69) Phenanthrene	17.13	178	2112030	20.071 ng/ul	99
71) Anthracene	17.22	178	2180167	20.344 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	563663	20.175 ng/uL	98
73) Pentachlorobenzene	14.66	250	521802	19.967 ng/uL	100
74) Carbazole	17.49	167	1935540	21.351 ng/ul	99
75) Di-n-butylphthalate	18.06	149	2409181	20.100 ng/ul	100
76) Fluoranthene	19.15	202	2486673	22.268 ng/ul	99
79) Pyrene	19.51	202	2521365	20.201 ng/ul	100
80) Butylbenzylphthalate	20.42	149	1145793	19.328 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.20	252	861195	20.881 ng/ul	99
82) Benzo(a)anthracene	21.27	228	2480013	20.017 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.21	149	1662196	19.803 ng/ul	98
84) Chrysene	21.32	228	2291987	19.850 ng/ul	100
86) Di-n-octyl phthalate	22.09	149	2859148	22.906 ng/ul#	95
87) Benzo(b)fluoranthene	22.85	252	2445722	20.909 ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	2246473	20.216 ng/ul	98
90) Benzo(a)pyrene	23.42	252	2236101	20.119 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.76	276	2283019	17.770 ng/ul	97
92) Dibenzo(a,h)anthracene	25.77	278	1929824	17.948 ng/ul	99
93) Benzo(g,h,i)perylene	26.44	276	1838608	17.031 ng/ul	97

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

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