Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082218\
Data File : BN002456.D
Acq On : 22 Aug 2018 14:45
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02058

Manual Integrations APPROVED
Sohil
8/23/2018 6:36:00 PM

Quant Time: Aug 23 04:55:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 23 04:38:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	138959	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	646462	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	405361	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	956553	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1112881	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1143948	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	24654	8.38	ng/uL	0.00
5) Phenol-d5	6.85	99	238932	18.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	159892	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	184919	19.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	193441	18.99	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	97753	19.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	102191	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	195811	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	213636	19.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	662217	19.71	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	825526	20.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	113279	17.83	ng/ul	0.00
57) Fluorene-d10	15.30	176	574433	19.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	106621	17.51	ng/ul	0.00
70) Anthracene-d10	17.15	188	911193	19.94	ng/ul	0.00
78) Pyrene-d10	19.45	212	1017615	19.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	1171108	19.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	27907	8.860	ng/uL	94
4) Benzaldehyde	6.82	77	171319	19.571	ng/ul	95
6) Phenol	6.88	94	245353	18.909	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.10	93	192088	19.473	ng/ul#	85
10) 2-Chlorophenol	7.24	128	186034	19.040	ng/ul#	87
11) 2-Methylphenol	8.11	108	186016	18.995	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	339075	20.755	ng/ul#	84
14) Acetophenone	8.49	105	320071	19.655	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.47	70	168172	19.571	ng/ul#	79
16) 4-Methylphenol	8.43	108	199128	18.691	ng/ul	99
17) Hexachloroethane	8.73	117	78614	19.208	ng/ul	99
20) Nitrobenzene	8.86	77	246184	19.991	ng/ul	91
21) Isophorone	9.38	82	483158	20.352	ng/ul	96
23) 2-Nitrophenol	9.56	139	109850	19.313	ng/ul#	88
24) 2,4-Dimethylphenol	9.63	107	239576	20.540	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.86	93	280087	20.025	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	192578	20.001	ng/ul	99
28) Naphthalene	10.49	128	655542	19.709	ng/ul	100
30) 4-Chloroaniline	10.60	127	216239	19.899	ng/ul	97
31) Hexachlorobutadiene	10.78	225	120168	19.826	ng/ul	100
32) Caprolactam	11.36	113	67908m	18.774	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	224086	20.225	ng/ul	96
34) 2-Methylnaphthalene	12.11	142	484876	19.751	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	239016	19.466 ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	125696	16.852 ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	151180	19.122 ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	164101	19.397 ng/ul	99
40) 1,1'-Biphenyl	13.13	154	641183	19.759 ng/ul	99
41) 2-Chloronaphthalene	13.17	162	494951	19.566 ng/ul	97
42) 2-Nitroaniline	13.38	65	158823	19.713 ng/ul#	77
44) Dimethylphthalate	13.76	163	656000	19.905 ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	130435	19.589 ng/ul	89
47) Acenaphthylene	14.02	152	783601	19.965 ng/ul	99
48) 3-Nitroaniline	14.22	138	121833	19.231 ng/ul	88
49) Acenaphthene	14.37	153	542295	19.588 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	56791	14.256 ng/ul#	1
52) 4-Nitrophenol	14.53	109	94210	19.568 ng/ul#	85
53) Dibenzofuran	14.70	168	774124	19.820 ng/ul	98
54) 2,4-Dinitrotoluene	14.68	165	205542	20.474 ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.93	232	144672	19.585 ng/ul	95
56) Diethylphthalate	15.13	149	670473	19.940 ng/ul	100
58) Fluorene	15.36	166	638663	19.986 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.35	204	315339	19.994 ng/ul	96
60) 4-Nitroaniline	15.38	138	156442	19.108 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	111237	17.706 ng/ul#	91
64) N-Nitrosodiphenylamine	15.57	169	548853	19.636 ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	194395	19.921 ng/ul	94
66) Hexachlorobenzene	16.36	284	218023	20.019 ng/ul	97
67) Atrazine	16.53	200	196919	19.270 ng/ul	97
68) Pentachlorophenol	16.71	266	102930	16.884 ng/ul	99
69) Phenanthrene	17.09	178	1061967	20.139 ng/ul	98
71) Anthracene	17.19	178	1083289	20.255 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	257184	19.228 ng/uL	98
73) Pentachlorobenzene	14.63	250	253019	19.847 ng/uL	98
74) Carbazole	17.46	167	967726	20.404 ng/ul	100
75) Di-n-butylphthalate	18.03	149	1153797	20.011 ng/ul	99
76) Fluoranthene	19.12	202	1260214	20.997 ng/ul	99
79) Pyrene	19.48	202	1305543	19.456 ng/ul	100
80) Butylbenzylphthalate	20.39	149	519062	18.256 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.17	252	375482	16.930 ng/ul	96
82) Benzo(a)anthracene	21.24	228	1347074	19.758 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.18	149	802925	18.827 ng/ul	98
84) Chrysene	21.29	228	1264123	19.590 ng/ul	99
86) Di-n-octyl phthalate	22.06	149	1405165	19.329 ng/ul#	92
87) Benzo(b)fluoranthene	22.82	252	1389531	20.264 ng/ul	98
88) Benzo(k)fluoranthene	22.86	252	1271457	19.682 ng/ul	99
90) Benzo(a)pyrene	23.38	252	1296551	19.849 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.70	276	1424354	18.329 ng/ul	98
92) Dibenzo(a,h)anthracene	25.71	278	1183740	18.221 ng/ul	99
93) Benzo(g,h,i)perylene	26.37	276	1142336	17.618 ng/ul	97

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

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