Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN083118\
Data File : BN002551.D
Acq On : 31 Aug 2018 09:50
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02024

Quant Time: Aug 31 16:11:56 2018
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 04:34:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	169737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	775413	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	479983	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1110340	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1125605	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	973758	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	28612	7.96	ng/uL	0.00
5) Phenol-d5	6.85	99	299399	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	187235	19.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	237785	20.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	243534	19.57	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	115013	18.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	125209	19.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	249623	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	292266	22.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	802027	20.16	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1003996	20.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	128788	17.12	ng/ul	0.00
57) Fluorene-d10	15.29	176	694206	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	117826	16.67	ng/ul	0.00
70) Anthracene-d10	17.15	188	1086502	20.48	ng/ul	0.00
78) Pyrene-d10	19.45	212	1178806	21.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	1045355	20.53	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	30519	7.933	ng/uL	95
4) Benzaldehyde	6.82	77	200878	18.787	ng/ul	95
6) Phenol	6.87	94	304340	19.202	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.10	93	232940	19.333	ng/ul#	86
10) 2-Chlorophenol	7.23	128	238195	19.958	ng/ul#	89
11) 2-Methylphenol	8.10	108	230977	19.310	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	383106	19.198	ng/ul#	86
14) Acetophenone	8.48	105	385023	19.356	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.46	70	200956	19.146	ng/ul#	85
16) 4-Methylphenol	8.43	108	248740	19.114	ng/ul	100
17) Hexachloroethane	8.73	117	95072	19.017	ng/ul	99
20) Nitrobenzene	8.86	77	291633	19.743	ng/ul	95
21) Isophorone	9.38	82	572590	20.109	ng/ul	97
23) 2-Nitrophenol	9.56	139	136504	20.008	ng/ul	90
24) 2,4-Dimethylphenol	9.62	107	291201	20.814	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	336207	20.040	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	240691	20.841	ng/ul	98
28) Naphthalene	10.49	128	799838	20.048	ng/ul	100
30) 4-Chloroaniline	10.60	127	292843	22.467	ng/ul	99
31) Hexachlorobutadiene	10.77	225	149024	20.498	ng/ul	97
32) Caprolactam	11.35	113	85744	19.763	ng/ul#	62
33) 4-Chloro-3-methylphenol	11.73	107	281657	21.194	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	597811	20.302	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	296990	20.427 ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	142373	16.121 ng/ul	100
38) 2,4,6-Trichlorophenol	12.72	196	197928	21.142 ng/ul	96
39) 2,4,5-Trichlorophenol	12.80	196	206809	20.645 ng/ul	98
40) 1,1'-Biphenyl	13.12	154	775875	20.193 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	601441	20.080 ng/ul	99
42) 2-Nitroaniline	13.37	65	184065	19.295 ng/ul#	81
44) Dimethylphthalate	13.76	163	793555	20.335 ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	156712	19.877 ng/ul	92
47) Acenaphthylene	14.02	152	934680	20.112 ng/ul	99
48) 3-Nitroaniline	14.21	138	149224	19.892 ng/ul	92
49) Acenaphthene	14.36	153	665360	20.296 ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	61153	12.964 ng/ul#	1
52) 4-Nitrophenol	14.53	109	100285	17.592 ng/ul#	79
53) Dibenzofuran	14.70	168	930954	20.129 ng/ul	98
54) 2,4-Dinitrotoluene	14.67	165	234775	19.750 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.93	232	182874	20.907 ng/ul	98
56) Diethylphthalate	15.13	149	812070	20.396 ng/ul	100
58) Fluorene	15.35	166	773654	20.446 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	377862	20.233 ng/ul	95
60) 4-Nitroaniline	15.38	138	180974	18.667 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.44	198	123540	16.941 ng/ul	92
64) N-Nitrosodiphenylamine	15.56	169	669725	20.642 ng/ul	100
65) 4-Bromophenyl-phenylether	16.24	248	235237	20.767 ng/ul	95
66) Hexachlorobenzene	16.36	284	260042	20.570 ng/ul	94
67) Atrazine	16.52	200	242031	20.404 ng/ul	97
68) Pentachlorophenol	16.70	266	128270	18.127 ng/ul	97
69) Phenanthrene	17.09	178	1239363	20.247 ng/ul	99
71) Anthracene	17.18	178	1267634	20.419 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	320617	20.651 ng/uL	98
73) Pentachlorobenzene	14.62	250	305396	20.638 ng/uL	100
74) Carbazole	17.45	167	1131686	20.556 ng/ul	100
75) Di-n-butylphthalate	18.02	149	1378879	20.602 ng/ul	100
76) Fluoranthene	19.11	202	1443005	20.713 ng/ul	99
79) Pyrene	19.47	202	1470980	21.673 ng/ul	99
80) Butylbenzylphthalate	20.38	149	605496	21.055 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.16	252	420193	18.732 ng/ul	98
82) Benzo(a)anthracene	21.23	228	1406215	20.392 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	919606	21.320 ng/ul#	98
84) Chrysene	21.28	228	1308060	20.042 ng/ul	100
86) Di-n-octyl phthalate	22.04	149	1531024	24.741 ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	1264116	21.657 ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	1195513	21.741 ng/ul	99
90) Benzo(a)pyrene	23.36	252	1128476	20.296 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	1071550	16.199 ng/ul	95
92) Dibenzo(a,h)anthracene	25.68	278	893357	16.155 ng/ul	98
93) Benzo(g,h,i)perylene	26.34	276	856807	15.524 ng/ul	98

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

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