Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115387.D
Acq On : 5 Jul 2019 10:15
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Jul 05 11:49:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 11:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	157957	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	663391	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	328596	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	626742	20.00	ng		0.00
76) Chrysene-d12	14.06	240	452862	20.00	ng		-0.01
87) Perylene-d12	15.54	264	443342	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1015973	99.26	ng		0.00
7) Phenol-d6	6.52	99	1296218	104.33	ng		0.00
23) Nitrobenzene-d5	7.46	82	1148567	106.51	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	365211	105.40	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1957780	101.20	ng		0.00
79) Terphenyl-d14	13.00	244	2141268	100.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	252549	52.279	ng		100
3) Pyridine	3.46	79	692005	50.824	ng		98
4) n-Nitrosodimethylamine	3.41	42	281268	52.695	ng		99
6) Aniline	6.56	93	918156	53.772	ng		99
8) 2-Chlorophenol	6.69	128	585160	50.841	ng		94
9) Benzaldehyde	6.45	77	373350	46.062	ng		100
10) Phenol	6.54	94	787561	54.117	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	575885	53.683	ng		98
12) 1,3-Dichlorobenzene	6.84	146	636452	49.825	ng		99
13) 1,4-Dichlorobenzene	6.92	146	632937	49.413	ng		99
14) 1,2-Dichlorobenzene	7.07	146	591895	49.898	ng		100
15) Benzyl Alcohol	7.03	79	528415	58.410	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	810623	52.100	ng		100
17) 2-Methylphenol	7.14	107	493730	51.970	ng		100
18) Hexachloroethane	7.42	117	239909	51.952	ng		99
19) n-Nitroso-di-n-propylamine	7.32	70	435065	54.698	ng		98
20) 3+4-Methylphenols	7.30	107	586820	53.494	ng		97
22) Acetophenone	7.31	105	789201	51.965	ng	#	95
24) Nitrobenzene	7.48	77	647332	54.486	ng		95
25) Isophorone	7.72	82	1196769	54.173	ng		100
26) 2-Nitrophenol	7.79	139	279493	47.637	ng		99
27) 2,4-Dimethylphenol	7.83	122	495442	51.575	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	746958	53.496	ng		100
29) 2,4-Dichlorophenol	8.03	162	497713	50.205	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	558072	50.964	ng		99
31) Naphthalene	8.20	128	1625836	49.927	ng		99
32) Benzoic acid	7.96	122	367139	53.541	ng		94
33) 4-Chloroaniline	8.25	127	729305	49.004	ng		99
34) Hexachlorobutadiene	8.33	225	315442	52.566	ng		100
35) Caprolactam	8.63	113	157878	47.368	ng		93
36) 4-Chloro-3-methylphenol	8.72	107	519280	51.722	ng		100
37) 2-Methylnaphthalene	8.89	142	1092092	49.739	ng		100
38) 1-Methylnaphthalene	8.99	142	1043445	49.759	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	480209	51.716	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	285349	51.825	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	353221	49.272	ng		99
44) 2,4,5-Trichlorophenol	9.20	196	360980	48.897	ng		98
46) 1,1'-Biphenyl	9.36	154	1299586	49.428	ng		100
47) 2-Chloronaphthalene	9.38	162	1080176	50.648	ng		100
48) 2-Nitroaniline	9.47	65	328838	52.887	ng		98
49) Acenaphthylene	9.80	152	1606971	48.361	ng		100
50) Dimethylphthalate	9.66	163	1229695	50.865	ng		100
51) 2,6-Dinitrotoluene	9.72	165	273863	49.067	ng		87
52) Acenaphthene	9.97	154	1019006	49.008	ng		99
53) 3-Nitroaniline	9.88	138	317621	46.633	ng		98
54) 2,4-Dinitrophenol	9.98	184	98644	40.065	ng		89
55) Dibenzofuran	10.14	168	1435682	48.108	ng		99
56) 4-Nitrophenol	10.03	139	246555	45.153	ng		97
57) 2,4-Dinitrotoluene	10.12	165	350912	48.692	ng		96
58) Fluorene	10.49	166	1050447	47.292	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	312013	50.403	ng		99
60) Diethylphthalate	10.36	149	1212180	49.881	ng		100
61) 4-Chlorophenyl-phenylether	10.47	204	529444	49.984	ng		98
62) 4-Nitroaniline	10.50	138	306916	44.918	ng		98
63) Azobenzene	10.63	77	1239982	54.629	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	145726	46.689	ng		94
66) n-Nitrosodiphenylamine	10.59	169	993231	50.867	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	354543	52.176	ng		99
68) Hexachlorobenzene	11.03	284	394007	53.419	ng		98
69) Atrazine	11.12	200	310736	49.471	ng		99
70) Pentachlorophenol	11.22	266	248591	52.904	ng		99
71) Phenanthrene	11.45	178	1626069	48.187	ng		100
72) Anthracene	11.50	178	1638894	48.114	ng		99
73) Carbazole	11.65	167	1488143	48.925	ng		100
74) Di-n-butylphthalate	11.98	149	1817203	51.701	ng		100
75) Fluoranthene	12.63	202	1716825	50.992	ng		100
77) Benzidine	12.75	184	771098	38.346	ng		98
78) Pyrene	12.86	202	1742318	50.063	ng		99
80) Butylbenzylphthalate	13.47	149	775507	50.493	ng		98
81) Benzo(a)anthracene	14.05	228	1415225	43.553	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	532180	45.353	ng		98
83) Chrysene	14.09	228	1469333	49.364	ng		100
84) Bis(2-ethylhexyl)phthalate	14.04	149	942511	46.833	ng		100
85) Di-n-octyl phthalate	14.67	149	1735676	51.331	ng		100
86) Indeno(1,2,3-cd)pyrene	17.02	276	1294844	36.763	ng	#	100
88) Benzo(b)fluoranthene	15.11	252	1449925	52.413	ng		100
89) Benzo(k)fluoranthene	15.14	252	1279698	51.584	ng		99
90) Benzo(a)pyrene	15.48	252	1248791	50.085	ng		100
91) Dibenzo(a,h)anthracene	17.04	278	1069565	45.950	ng		100
92) Benzo(g,h,i)perylene	17.47	276	1014513	43.063	ng		97

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

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