Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070519\
Data File : BF115391.D
Acq On : 5 Jul 2019 16:15
Operator : HP/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF070519

Quant Time: Jul 05 16:55:01 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 16:50:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	198857	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	822449	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	405091	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	766520	20.00	ng	0.00
76) Chrysene-d12	14.05	240	535232	20.00	ng	-0.02
87) Perylene-d12	15.52	264	494261	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	978096	75.99	ng	0.00
7) Phenol-d6	6.52	99	1270686	77.63	ng	0.00
23) Nitrobenzene-d5	7.46	82	1147691	82.45	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	355360	79.34	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1852276	80.24	ng	0.00
79) Terphenyl-d14	13.00	244	2063360	78.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	238335	37.752	ng	99
3) Pyridine	3.46	79	667635	38.245	ng	99
4) n-Nitrosodimethylamine	3.41	42	268307	37.902	ng	94
6) Aniline	6.56	93	893534	38.682	ng	99
8) 2-Chlorophenol	6.69	128	565117	38.885	ng	93
9) Benzaldehyde	6.45	77	384764	40.944	ng	100
10) Phenol	6.53	94	710833	36.295	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	555228	38.215	ng	99
12) 1,3-Dichlorobenzene	6.84	146	611758	38.422	ng	98
13) 1,4-Dichlorobenzene	6.92	146	611476	38.340	ng	99
14) 1,2-Dichlorobenzene	7.07	146	575148	38.951	ng	100
15) Benzyl Alcohol	7.03	79	517366	39.388	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	775588	38.178	ng	99
17) 2-Methylphenol	7.15	107	478716	38.449	ng	99
18) Hexachloroethane	7.42	117	236014	39.724	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	418160	37.760	ng	100
20) 3+4-Methylphenols	7.30	107	578054	39.305	ng	97
22) Acetophenone	7.30	105	765142	38.825	ng	99
24) Nitrobenzene	7.48	77	638080	40.588	ng	93
25) Isophorone	7.72	82	1151689	38.170	ng	100
26) 2-Nitrophenol	7.79	139	300924	46.560	ng	98
27) 2,4-Dimethylphenol	7.83	122	483041	39.194	ng	98
28) bis(2-Chloroethoxy)methane	7.93	93	715744	38.469	ng	100
29) 2,4-Dichlorophenol	8.03	162	483656	39.402	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	535134	39.160	ng	100
31) Naphthalene	8.20	128	1573644	38.521	ng	100
32) Benzoic acid	7.95	122	313446	36.559	ng	99
33) 4-Chloroaniline	8.25	127	701792	38.503	ng	100
34) Hexachlorobutadiene	8.33	225	305846	39.465	ng	99
35) Caprolactam	8.62	113	152288	38.092	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	505194	38.909	ng	99
37) 2-Methylnaphthalene	8.89	142	1045303	38.282	ng	99
38) 1-Methylnaphthalene	8.99	142	1004902	38.572	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	464415	39.851	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	280258	41.492	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	344322	40.583	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	349139	39.686	ng		99
46) 1,1'-Biphenyl	9.36	154	1259032	39.535	ng		99
47) 2-Chloronaphthalene	9.38	162	1039625	39.499	ng		100
48) 2-Nitroaniline	9.47	65	332206	42.960	ng		97
49) Acenaphthylene	9.80	152	1545871	38.792	ng		100
50) Dimethylphthalate	9.66	163	1173083	38.582	ng		100
51) 2,6-Dinitrotoluene	9.71	165	268394	40.702	ng		98
52) Acenaphthene	9.97	154	997354	39.767	ng		99
53) 3-Nitroaniline	9.88	138	313894	40.985	ng		99
54) 2,4-Dinitrophenol	9.98	184	117465	45.967	ng	#	82
55) Dibenzofuran	10.14	168	1369515	38.765	ng		100
56) 4-Nitrophenol	10.03	139	251191	42.392	ng		98
57) 2,4-Dinitrotoluene	10.12	165	353307	42.159	ng		95
58) Fluorene	10.48	166	1008166	36.200	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	300289	39.512	ng		99
60) Diethylphthalate	10.35	149	1161613	38.814	ng		98
61) 4-Chlorophenyl-phenylether	10.47	204	509698	37.498	ng		98
62) 4-Nitroaniline	10.49	138	307726	40.934	ng		98
63) Azobenzene	10.63	77	1185710	38.435	ng		99
65) 4,6-Dinitro-2-methylphenol	10.52	198	164051	45.237	ng		95
66) n-Nitrosodiphenylamine	10.59	169	947884	39.247	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	337836	39.279	ng		97
68) Hexachlorobenzene	11.03	284	380958	39.472	ng		98
69) Atrazine	11.12	200	305345	40.852	ng		99
70) Pentachlorophenol	11.22	266	243316	41.368	ng		99
71) Phenanthrene	11.44	178	1570164	38.949	ng		99
72) Anthracene	11.49	178	1599618	39.570	ng		100
73) Carbazole	11.64	167	1449106	39.183	ng		100
74) Di-n-butylphthalate	11.98	149	1771267	39.630	ng		99
75) Fluoranthene	12.63	202	1638614	38.604	ng		99
77) Benzidine	12.74	184	768622	36.826	ng		100
78) Pyrene	12.86	202	1665629	40.018	ng		100
80) Butylbenzylphthalate	13.47	149	752298	41.368	ng		91
81) Benzo(a)anthracene	14.04	228	1316900	38.400	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	511697	41.120	ng		97
83) Chrysene	14.08	228	1363507	38.696	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	896718	39.817	ng		100
85) Di-n-octyl phthalate	14.64	149	1578655	39.375	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1144153	38.839	ng		99
88) Benzo(b)fluoranthene	15.09	252	1230150	38.226	ng		99
89) Benzo(k)fluoranthene	15.12	252	1160774	40.559	ng		99
90) Benzo(a)pyrene	15.46	252	1088622	39.221	ng		100
91) Dibenzo(a,h)anthracene	17.02	278	946978	39.926	ng		100
92) Benzo(g,h,i)perylene	17.44	276	913582	40.695	ng		99

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

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