Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115052.D
Acq On : 14 Jun 2019 20:51
Operator : HP/JU
Sample : K3361-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B10MS

Quant Time: Jun 15 05:52:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	276965	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1049773	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	483612	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	848973	20.00	ng		-0.01
76) Chrysene-d12	13.77	240	513024	20.00	ng		-0.01
87) Perylene-d12	15.14	264	560422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1831883	110.44	ng		0.00
7) Phenol-d6	6.30	99	2252388	112.57	ng		0.00
23) Nitrobenzene-d5	7.22	82	1416847	81.24	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	524088	101.20	ng		0.00
45) 2-Fluorobiphenyl	9.00	172	2543088	89.12	ng		0.00
79) Terphenyl-d14	12.73	244	2237661	82.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	214198	27.588	ng		98
3) Pyridine	3.04	79	398919	18.250	ng		98
4) n-Nitrosodimethylamine	2.95	42	225119	29.008	ng		96
6) Aniline	6.31	93	503897	18.805	ng	#	28
8) 2-Chlorophenol	6.43	128	595230	31.648	ng		97
9) Benzaldehyde	6.19	77	123950	5.197	ng		99
10) Phenol	6.31	94	707809	31.618	ng		82
11) bis(2-Chloroethyl)ether	6.39	93	551273	31.728	ng		99
12) 1,3-Dichlorobenzene	6.59	146	663326	30.195	ng		100
13) 1,4-Dichlorobenzene	6.66	146	678233	30.709	ng		99
14) 1,2-Dichlorobenzene	6.82	146	630707	30.333	ng		99
15) Benzyl Alcohol	6.79	79	414563	27.654	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.93	45	720075	30.964	ng		97
17) 2-Methylphenol	6.92	107	512694	32.681	ng		99
18) Hexachloroethane	7.16	117	225101	28.222	ng		99
19) n-Nitroso-di-n-propylamine	7.07	70	383216	31.523	ng		97
20) 3+4-Methylphenols	7.07	107	601048	32.192	ng		96
22) Acetophenone	7.06	105	821746	34.580	ng	#	96
24) Nitrobenzene	7.23	77	599888	33.807	ng		92
25) Isophorone	7.47	82	1093123	33.465	ng		99
26) 2-Nitrophenol	7.55	139	305231	30.861	ng		99
27) 2,4-Dimethylphenol	7.59	122	524517	36.761	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	700084	33.406	ng		99
29) 2,4-Dichlorophenol	7.79	162	492306	32.661	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	572083	32.847	ng		99
31) Naphthalene	7.95	128	1737419	34.980	ng		99
33) 4-Chloroaniline	8.00	127	477557	20.829	ng		98
34) Hexachlorobutadiene	8.07	225	310845	32.109	ng		99
35) Caprolactam	8.36	113	99131m	19.746	ng		
36) 4-Chloro-3-methylphenol	8.49	107	506644	33.354	ng		99
37) 2-Methylnaphthalene	8.64	142	1166827	35.222	ng		99
38) 1-Methylnaphthalene	8.74	142	1092584	34.895	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	505621	35.389	ng		100
41) Hexachlorocyclopentadiene	8.80	237	314202	44.628	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.92	196	313040	29.334	ng		99
44) 2,4,5-Trichlorophenol	8.96	196	313594	29.078	ng		98
46) 1,1'-Biphenyl	9.10	154	1372055	35.404	ng		98
47) 2-Chloronaphthalene	9.13	162	1075507	34.319	ng		98
48) 2-Nitroaniline	9.22	65	293005	31.633	ng		97
49) Acenaphthylene	9.54	152	1638684	34.009	ng		98
50) Dimethylphthalate	9.41	163	1595331	43.864	ng		100
51) 2,6-Dinitrotoluene	9.46	165	281173	34.082	ng	#	84
52) Acenaphthene	9.71	154	945121	34.285	ng		99
53) 3-Nitroaniline	9.63	138	271702	26.880	ng		98
55) Dibenzofuran	9.88	168	1419273	34.161	ng		98
56) 4-Nitrophenol	9.80	139	311308	44.661	ng		99
57) 2,4-Dinitrotoluene	9.86	165	352059	33.528	ng		96
58) Fluorene	10.22	166	1010949	34.654	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.00	232	228550	26.236	ng		99
60) Diethylphthalate	10.10	149	1205519	34.666	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	506811	35.285	ng		98
62) 4-Nitroaniline	10.24	138	290711	28.605	ng		96
63) Azobenzene	10.37	77	1032730	33.946	ng		99
65) 4,6-Dinitro-2-methylphenol	10.27	198	41042	8.625	ng		84
66) n-Nitrosodiphenylamine	10.33	169	967546	38.127	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	325700	35.730	ng		99
68) Hexachlorobenzene	10.77	284	341147	33.994	ng		95
69) Atrazine	10.86	200	309469	37.823	ng		98
70) Pentachlorophenol	10.96	266	169493	31.099	ng		99
71) Phenanthrene	11.17	178	1484342	33.863	ng		98
72) Anthracene	11.23	178	1528488	34.565	ng		99
73) Carbazole	11.38	167	1338081	34.668	ng		98
74) Di-n-butylphthalate	11.72	149	1755639	36.080	ng		99
75) Fluoranthene	12.35	202	1408812	31.431	ng		98
77) Benzidine	12.47	184	222597	10.727	ng		98
78) Pyrene	12.58	202	1406467	30.094	ng		98
80) Butylbenzylphthalate	13.20	149	676351	30.984	ng		94
81) Benzo(a)anthracene	13.76	228	1219315	31.761	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	399482	27.142	ng		98
83) Chrysene	13.80	228	1211716	31.740	ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	910746	35.301	ng		100
85) Di-n-octyl phthalate	14.38	149	1552928	34.954	ng		99
86) Indeno(1,2,3-cd)pyrene	16.44	276	1046440	31.205	ng		99
88) Benzo(b)fluoranthene	14.76	252	1287491	34.559	ng		99
89) Benzo(k)fluoranthene	14.79	252	1072496	32.798	ng		99
90) Benzo(a)pyrene	15.09	252	1104473	34.357	ng		99
91) Dibenzo(a,h)anthracene	16.46	278	890051	32.150	ng		99
92) Benzo(g,h,i)perylene	16.83	276	851357	30.153	ng		99

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

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