Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118396.D
Acq On : 30 Dec 2019 22:20
Operator : JU
Sample : K6439-02MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LIED-BF001-01MS

Quant Time: Dec 31 00:42:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 15:58:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	149155	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	598601	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	306952	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	491416	20.00	ng		0.00
76) Chrysene-d12	14.06	240	314487	20.00	ng		0.00
87) Perylene-d12	15.54	264	292881	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	753232	86.20	ng		0.02
7) Phenol-d6	6.50	99	960962	88.65	ng		0.01
23) Nitrobenzene-d5	7.42	82	572717	54.72	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	280782	74.07	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1204793	59.91	ng		0.00
79) Terphenyl-d14	12.99	244	1079807	56.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	98078	28.235	ng		98
3) Pyridine	3.41	79	232141	25.084	ng		99
4) n-Nitrosodimethylamine	3.36	42	115848	30.277	ng		94
6) Aniline	6.52	93	259420	18.847	ng	#	76
8) 2-Chlorophenol	6.65	128	337274	34.081	ng		99
9) Benzaldehyde	6.40	77	185035	29.116	ng		96
10) Phenol	6.51	94	392765	32.238	ng		92
11) bis(2-Chloroethyl)ether	6.59	93	287026	32.942	ng		98
12) 1,3-Dichlorobenzene	6.79	146	362652	31.819	ng		99
13) 1,4-Dichlorobenzene	6.87	146	367630	31.756	ng		98
14) 1,2-Dichlorobenzene	7.03	146	350837	32.099	ng		97
15) Benzyl Alcohol	7.00	79	270298	32.751	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	294748	31.702	ng		80
17) 2-Methylphenol	7.12	107	263527	33.201	ng		96
18) Hexachloroethane	7.36	117	122030	28.721	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	214039	32.053	ng		98
20) 3+4-Methylphenols	7.27	107	335405	33.016	ng		97
22) Acetophenone	7.26	105	447300	30.489	ng	#	98
24) Nitrobenzene	7.44	77	324378	30.940	ng		98
25) Isophorone	7.68	82	584442	32.042	ng		99
26) 2-Nitrophenol	7.76	139	176854	31.848	ng		97
27) 2,4-Dimethylphenol	7.80	122	278755	36.792	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	373682	31.326	ng		99
29) 2,4-Dichlorophenol	8.00	162	280739	32.193	ng		97
30) 1,2,4-Trichlorobenzene	8.08	180	313271	30.838	ng		97
31) Naphthalene	8.16	128	970728	31.906	ng		100
32) Benzoic acid	7.93	122	148052	26.081	ng		97
33) 4-Chloroaniline	8.22	127	120385	9.230	ng		98
34) Hexachlorobutadiene	8.27	225	183460	30.339	ng		99
35) Caprolactam	8.59	113	88931	32.664	ng		95
36) 4-Chloro-3-methylphenol	8.71	107	295555	31.567	ng		99
37) 2-Methylnaphthalene	8.86	142	676904	32.496	ng		100
38) 1-Methylnaphthalene	8.96	142	627530	31.975	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	293377	31.811	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	42066	18.648 ng	97
43) 2,4,6-Trichlorophenol	9.15	196	193923	31.474 ng	99
44) 2,4,5-Trichlorophenol	9.19	196	205370	32.402 ng	97
46) 1,1'-Biphenyl	9.32	154	786162	32.382 ng	99
47) 2-Chloronaphthalene	9.35	162	606141	31.021 ng	98
48) 2-Nitroaniline	9.45	65	163403	29.607 ng	92
49) Acenaphthylene	9.77	152	936164	32.304 ng	99
50) Dimethylphthalate	9.62	163	815438	35.391 ng	100
51) 2,6-Dinitrotoluene	9.69	165	153869	30.975 ng	94
52) Acenaphthene	9.94	154	543525	30.791 ng	100
53) 3-Nitroaniline	9.86	138	89379	15.330 ng	92
54) 2,4-Dinitrophenol	9.99	184	27256	15.361 ng	97
55) Dibenzofuran	10.11	168	816022	31.287 ng	97
56) 4-Nitrophenol	10.04	139	198117	55.043 ng	96
57) 2,4-Dinitrotoluene	10.10	165	198846	29.958 ng	93
58) Fluorene	10.46	166	635285	30.173 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	159614	29.638 ng	98
60) Diethylphthalate	10.32	149	739616	32.447 ng	98
61) 4-Chlorophenyl-phenylether	10.45	204	331247	31.515 ng	94
62) 4-Nitroaniline	10.48	138	134682	22.236 ng	99
63) Azobenzene	10.60	77	602967	30.882 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	29128	10.988 ng	86
66) n-Nitrosodiphenylamine	10.56	169	576037	36.574 ng	99
67) 4-Bromophenyl-phenylether	10.93	248	197109	34.274 ng	94
68) Hexachlorobenzene	11.01	284	210736	31.131 ng	97
69) Atrazine	11.10	200	194156	39.942 ng	98
70) Pentachlorophenol	11.21	266	154225	52.606 ng	99
71) Phenanthrene	11.42	178	841303	31.404 ng	100
72) Anthracene	11.47	178	878317	32.755 ng	99
73) Carbazole	11.63	167	724121	30.433 ng	99
74) Di-n-butylphthalate	11.95	149	1103910	36.590 ng	100
75) Fluoranthene	12.62	202	756343	27.975 ng	99
77) Benzidine	12.74	184	553641	64.249 ng	98
78) Pyrene	12.85	202	748420	29.143 ng	100
80) Butylbenzylphthalate	13.46	149	383119	33.133 ng	96
81) Benzo(a)anthracene	14.04	228	692135	31.442 ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	273926	36.701 ng	98
83) Chrysene	14.08	228	661553	31.386 ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	577682	37.993 ng	98
85) Di-n-octyl phthalate	14.63	149	964092	43.106 ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	501171	27.905 ng	100
88) Benzo(b)fluoranthene	15.11	252	609679	31.360 ng	98
89) Benzo(k)fluoranthene	15.14	252	630360	33.768 ng	100
90) Benzo(a)pyrene	15.49	252	529422	30.913 ng	98
91) Dibenzo(a,h)anthracene	17.07	278	440023	29.607 ng	98
92) Benzo(g,h,i)perylene	17.53	276	390297	27.186 ng	100

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

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