Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
Data File : BF113207.D
Acq On : 21 Mar 2019 14:36
Operator : JU/SJ
Sample : K1688-37MS 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JC-02-031919-I

Quant Time: Mar 22 01:13:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 03:42:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	144990	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	572856	20.00	ng		-0.01
39) Acenaphthene-d10	9.76	164	228466	20.00	ng		-0.01
64) Phenanthrene-d10	11.23	188	442060	20.00	ng		-0.01
76) Chrysene-d12	13.86	240	346272	20.00	ng		0.00
87) Perylene-d12	15.27	264	311656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	82913	8.90	ng		-0.01
7) Phenol-d6	6.36	99	116901	9.98	ng		-0.01
23) Nitrobenzene-d5	7.28	82	65862	6.88	ng		-0.02
42) 2,4,6-Tribromophenol	10.54	330	32535	13.41	ng		-0.01
45) 2-Fluorobiphenyl	9.07	172	135758	6.63	ng		-0.02
79) Terphenyl-d14	12.81	244	133446	7.47	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	12878	2.756	ng		88
3) Pyridine	3.15	79	23914	1.913	ng		96
4) n-Nitrosodimethylamine	3.00	42	13084	2.393	ng	#	97
6) Aniline	6.38	93	8628	0.535	ng	#	1
8) 2-Chlorophenol	6.51	128	32294	3.112	ng		89
9) Benzaldehyde	6.26	77	8389	0.994	ng		92
10) Phenol	6.37	94	40648	2.975	ng		97
11) bis(2-Chloroethyl)ether	6.45	93	31527	3.006	ng		95
12) 1,3-Dichlorobenzene	6.66	146	37343m	3.484	ng		
13) 1,4-Dichlorobenzene	6.74	146	40212	3.741	ng		95
14) 1,2-Dichlorobenzene	6.89	146	38558	3.913	ng		95
15) Benzyl Alcohol	6.87	79	27094	3.035	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	53544	3.059	ng		83
17) 2-Methylphenol	6.99	107	27771	3.299	ng		96
18) Hexachloroethane	7.23	117	11334	2.753	ng	#	89
19) n-Nitroso-di-n-propylamine	7.13	70	22964	3.097	ng		97
20) 3+4-Methylphenols	7.15	107	31623	3.328	ng	#	67
22) Acetophenone	7.13	105	45448	3.393	ng	#	87
24) Nitrobenzene	7.30	77	31853	2.989	ng		98
25) Isophorone	7.54	82	64759	3.140	ng		96
26) 2-Nitrophenol	7.62	139	13005	2.932	ng		94
27) 2,4-Dimethylphenol	7.67	122	25997	3.150	ng		94
28) bis(2-Chloroethoxy)methane	7.75	93	36624	2.840	ng		99
29) 2,4-Dichlorophenol	7.88	162	25937	3.241	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	30608	3.560	ng		98
31) Naphthalene	8.02	128	110256	3.877	ng		98
33) 4-Chloroaniline	8.09	127	11438	0.950	ng		98
34) Hexachlorobutadiene	8.15	225	19698	4.062	ng		96
35) Caprolactam	8.40	113	8181	2.903	ng		94
36) 4-Chloro-3-methylphenol	8.57	107	29204	3.298	ng		98
37) 2-Methylnaphthalene	8.72	142	62377	3.396	ng		98
38) 1-Methylnaphthalene	8.82	142	59480	3.343	ng		97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	28136	4.223	ng	#	97
41) Hexachlorocyclopentadiene	8.87	237	971	0.266	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.00	196	17581	3.834	ng		95
44) 2,4,5-Trichlorophenol	9.05	196	19290	3.892	ng		93
46) 1,1'-Biphenyl	9.18	154	77105	4.138	ng		96
47) 2-Chloronaphthalene	9.20	162	55664	3.825	ng		98
48) 2-Nitroaniline	9.30	65	16964	3.836	ng		94
49) Acenaphthylene	9.62	152	92594	3.748	ng		96
50) Dimethylphthalate	9.47	163	78159	4.640	ng		99
51) 2,6-Dinitrotoluene	9.53	165	13267	3.782	ng		84
52) Acenaphthene	9.79	154	52041	3.603	ng		97
53) 3-Nitroaniline	9.71	138	11092	2.595	ng	#	96
55) Dibenzofuran	9.96	168	84771	4.038	ng		96
56) 4-Nitrophenol	9.89	139	15177	4.369	ng		96
57) 2,4-Dinitrotoluene	9.95	165	16541	3.793	ng	#	87
58) Fluorene	10.30	166	63981	4.294	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.09	232	15767	3.819	ng	#	97
60) Diethylphthalate	10.17	149	69039	3.880	ng		100
61) 4-Chlorophenyl-phenylether	10.29	204	33323	4.806	ng		93
62) 4-Nitroaniline	10.31	138	14503	3.672	ng		97
63) Azobenzene	10.45	77	60909	3.342	ng		95
65) 4,6-Dinitro-2-methylphenol	10.36	198	593	4.908	ng		89
66) n-Nitrosodiphenylamine	10.41	169	58577	4.132	ng		98
67) 4-Bromophenyl-phenylether	10.78	248	19420	4.171	ng		92
68) Hexachlorobenzene	10.85	284	22016	4.195	ng	#	88
69) Atrazine	10.93	200	18456	4.251	ng		98
70) Pentachlorophenol	11.05	266	13656	4.420	ng		98
71) Phenanthrene	11.26	178	91262	4.149	ng		97
72) Anthracene	11.31	178	92194	4.004	ng		97
73) Carbazole	11.47	167	84287	3.753	ng		97
74) Di-n-butylphthalate	11.80	149	114169	4.239	ng		97
75) Fluoranthene	12.45	202	96340	4.088	ng		95
77) Benzidine	12.57	184	21299	1.186	ng		98
78) Pyrene	12.67	202	96157	3.294	ng		97
80) Butylbenzylphthalate	13.29	149	42283	3.281	ng		93
81) Benzo(a)anthracene	13.85	228	82010	3.417	ng		99
82) 3,3'-Dichlorobenzidine	13.82	252	19675	2.168	ng		99
83) Chrysene	13.89	228	77881	3.313	ng		97
84) Bis(2-ethylhexyl)phthalate	13.85	149	61846	4.092	ng		99
85) Di-n-octyl phthalate	14.46	149	101411	3.908	ng	#	95
86) Indeno(1,2,3-cd)pyrene	16.64	276	64130	3.200	ng		94
88) Benzo(b)fluoranthene	14.87	252	72914	3.617	ng		98
89) Benzo(k)fluoranthene	14.90	252	71100	3.894	ng		97
90) Benzo(a)pyrene	15.22	252	65607	3.679	ng		99
91) Dibenzo(a,h)anthracene	16.65	278	54759	3.599	ng		99
92) Benzo(g,h,i)perylene	17.05	276	52930	3.464	ng		93

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

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