Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115571.D
Acq On : 15 Jul 2019 21:53
Operator : HP/JU
Sample : K3768-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MS

Quant Time: Jul 16 04:50:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	217591	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	858631	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	427622	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	823221	20.00	ng	0.00
76) Chrysene-d12	14.04	240	544579	20.00	ng	-0.01
87) Perylene-d12	15.50	264	518065	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1225078	92.09	ng	0.01
7) Phenol-d6	6.52	99	1624429	96.24	ng	0.00
23) Nitrobenzene-d5	7.45	82	1057166	71.59	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	498225	99.82	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1898142	77.69	ng	-0.01
79) Terphenyl-d14	12.99	244	1964994	66.58	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.76	88	169300	25.514	ng	100
3) Pyridine	3.57	79	24584	1.366	ng	96
4) n-Nitrosodimethylamine	3.45	42	188205	28.817	ng	100
6) Aniline	6.55	93	253272	10.782	ng	97
8) 2-Chlorophenol	6.67	128	470580	30.768	ng	99
9) Benzaldehyde	6.43	77	281735	26.710	ng	99
10) Phenol	6.53	94	578844	29.541	ng	82
11) bis(2-Chloroethyl)ether	6.62	93	443955	29.759	ng	100
12) 1,3-Dichlorobenzene	6.83	146	508805	29.589	ng	99
13) 1,4-Dichlorobenzene	6.90	146	516025	30.077	ng	98
14) 1,2-Dichlorobenzene	7.06	146	481549	30.704	ng	95
15) Benzyl Alcohol	7.02	79	428922	32.033	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	592175	30.150	ng	97
17) 2-Methylphenol	7.13	107	411775	31.242	ng	98
18) Hexachloroethane	7.40	117	186402	29.271	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	336543	30.571	ng	99
20) 3+4-Methylphenols	7.28	107	489281	31.252	ng	93
22) Acetophenone	7.29	105	657265	33.884	ng	99
24) Nitrobenzene	7.46	77	524683	32.943	ng	99
25) Isophorone	7.70	82	958885	32.451	ng	98
26) 2-Nitrophenol	7.77	139	270112	32.949	ng	98
27) 2,4-Dimethylphenol	7.81	122	435309	35.489	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	599895	33.094	ng	98
29) 2,4-Dichlorophenol	8.02	162	433332	33.969	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	467021	32.387	ng	99
31) Naphthalene	8.19	128	1405076	33.789	ng	97
32) Benzoic acid	7.89	122	60635	6.023	ng	99
33) 4-Chloroaniline	8.23	127	274116	14.882	ng	96
34) Hexachlorobutadiene	8.31	225	259988	31.441	ng	99
35) Caprolactam	8.59	113	113049m	28.678	ng	
36) 4-Chloro-3-methylphenol	8.71	107	450651	34.056	ng	100
37) 2-Methylnaphthalene	8.88	142	948601	34.414	ng	97
38) 1-Methylnaphthalene	8.97	142	892391	34.084	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	422660	32.822	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	471883	64.240	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	313387	33.279	ng		98
44) 2,4,5-Trichlorophenol	9.19	196	324922	33.692	ng		99
46) 1,1'-Biphenyl	9.34	154	1153959	34.518	ng		98
47) 2-Chloronaphthalene	9.37	162	920006	33.050	ng		96
48) 2-Nitroaniline	9.46	65	277219	32.176	ng		97
49) Acenaphthylene	9.78	152	1383078	33.532	ng		98
50) Dimethylphthalate	9.65	163	1466873	45.593	ng		99
51) 2,6-Dinitrotoluene	9.70	165	249993	34.192	ng		100
52) Acenaphthene	9.96	154	923427	34.677	ng		100
53) 3-Nitroaniline	9.86	138	186886	22.367	ng		97
54) 2,4-Dinitrophenol	9.97	184	165673	44.134	ng	#	89
55) Dibenzofuran	10.13	168	1246192	32.953	ng		99
56) 4-Nitrophenol	10.03	139	413749	64.939	ng		99
57) 2,4-Dinitrotoluene	10.10	165	323977m	34.202	ng		
58) Fluorene	10.47	166	924108	34.182	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	277912	34.472	ng		99
60) Diethylphthalate	10.34	149	1018837	33.798	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	475935	31.745	ng		95
62) 4-Nitroaniline	10.48	138	258369	32.238	ng		97
63) Azobenzene	10.62	77	989688	33.848	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	161728	32.155	ng		94
66) n-Nitrosodiphenylamine	10.57	169	839329	32.777	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	304980	32.419	ng		95
68) Hexachlorobenzene	11.02	284	343195	31.945	ng		99
69) Atrazine	11.10	200	280847	33.432	ng		100
70) Pentachlorophenol	11.21	266	397148	60.441	ng		99
71) Phenanthrene	11.43	178	1406307	33.327	ng		98
72) Anthracene	11.48	178	1442692	33.082	ng		100
73) Carbazole	11.63	167	1277349	33.401	ng		99
74) Di-n-butylphthalate	11.96	149	1520848	32.286	ng		99
75) Fluoranthene	12.62	202	1457080	32.676	ng		99
77) Benzidine	12.73	184	2026	0.105	ng	#	1
78) Pyrene	12.84	202	1462723	31.703	ng		98
80) Butylbenzylphthalate	13.46	149	625584	31.806	ng		96
81) Benzo(a)anthracene	14.03	228	1136254	31.671	ng		96
82) 3,3'-Dichlorobenzidine	13.99	252	291696	22.871	ng		97
83) Chrysene	14.07	228	1172338	32.551	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	785264	32.232	ng		99
85) Di-n-octyl phthalate	14.63	149	1330090	34.312	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	978065	31.965	ng		99
88) Benzo(b)fluoranthene	15.08	252	1079590	32.363	ng		98
89) Benzo(k)fluoranthene	15.11	252	1026544	34.515	ng		98
90) Benzo(a)pyrene	15.44	252	967641	33.749	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	824369	32.751	ng		99
92) Benzo(g,h,i)perylene	17.42	276	762312	30.367	ng		99

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

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