Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
Data File : BF118385.D
Acq On : 30 Dec 2019 17:13
Operator : JU
Sample : K6456-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-04MS

Manual Integrations APPROVED
mohammad
12/31/2019 12:04:02 PM

Quant Time: Dec 31 01:17:34 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	140888	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	557916	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	309743	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	601309	20.00	ng		0.00
76) Chrysene-d12	14.06	240	427783	20.00	ng		0.00
87) Perylene-d12	15.54	264	398091	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1024057	124.07	ng		0.02
7) Phenol-d6	6.50	99	1313318	128.27	ng		0.01
23) Nitrobenzene-d5	7.42	82	794090	81.41	ng		0.00
42) 2,4,6-Tribromophenol	10.70	330	491535	128.50	ng		0.01
45) 2-Fluorobiphenyl	9.22	172	1668045	82.20	ng		0.00
79) Terphenyl-d14	12.99	244	2241487	86.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	126630	38.594	ng		97
3) Pyridine	3.41	79	321845	36.817	ng		97
4) n-Nitrosodimethylamine	3.36	42	154264	42.682	ng		100
6) Aniline	6.52	93	336782	25.904	ng	#	59
8) 2-Chlorophenol	6.65	128	430321	46.035	ng		99
9) Benzaldehyde	6.40	77	231912	38.633	ng		98
10) Phenol	6.51	94	513711	44.639	ng		91
11) bis(2-Chloroethyl)ether	6.59	93	371497	45.139	ng		99
12) 1,3-Dichlorobenzene	6.79	146	459792	42.709	ng		100
13) 1,4-Dichlorobenzene	6.87	146	471397	43.109	ng		98
14) 1,2-Dichlorobenzene	7.02	146	441578	42.772	ng		98
15) Benzyl Alcohol	7.00	79	353676	45.368	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	383799	43.702	ng		81
17) 2-Methylphenol	7.12	107	340344	45.394	ng		97
18) Hexachloroethane	7.36	117	169296	42.184	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	278577	44.166	ng		96
20) 3+4-Methylphenols	7.27	107	438706	45.719	ng		97
22) Acetophenone	7.26	105	579521	42.382	ng	#	96
24) Nitrobenzene	7.44	77	420250	43.008	ng		100
25) Isophorone	7.68	82	772056	45.414	ng		99
26) 2-Nitrophenol	7.76	139	241419	46.645	ng		99
27) 2,4-Dimethylphenol	7.80	122	376929	53.377	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	483582	43.495	ng		99
29) 2,4-Dichlorophenol	8.00	162	370707	45.609	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	403072	42.572	ng		97
31) Naphthalene	8.16	128	1256035	44.294	ng		100
32) Benzoic acid	7.95	122	240464	41.233	ng		94
33) 4-Chloroaniline	8.22	127	133162	10.954	ng		96
34) Hexachlorobutadiene	8.27	225	232101	41.182	ng		98
35) Caprolactam	8.60	113	120899m	47.644	ng		
36) 4-Chloro-3-methylphenol	8.71	107	400727	45.921	ng		97
37) 2-Methylnaphthalene	8.86	142	881188	45.387	ng		99
38) 1-Methylnaphthalene	8.96	142	832642	45.521	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	384968	41.366	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	296301	76.102	ng		97
43) 2,4,6-Trichlorophenol	9.14	196	268132	43.126	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	286305	44.764	ng		98
46) 1,1'-Biphenyl	9.32	154	1053153	42.988	ng		99
47) 2-Chloronaphthalene	9.35	162	826969	41.941	ng		97
48) 2-Nitroaniline	9.45	65	230963	41.470	ng		99
49) Acenaphthylene	9.77	152	1307028	44.695	ng		100
50) Dimethylphthalate	9.62	163	1125738	48.418	ng		99
51) 2,6-Dinitrotoluene	9.69	165	226300	45.146	ng		99
52) Acenaphthene	9.94	154	762918	42.831	ng		99
53) 3-Nitroaniline	9.86	138	129209	21.962	ng		89
54) 2,4-Dinitrophenol	9.98	184	208873	82.472	ng		97
55) Dibenzofuran	10.11	168	1157546	43.981	ng		97
56) 4-Nitrophenol	10.05	139	319024	87.837	ng		94
57) 2,4-Dinitrotoluene	10.10	165	297451	44.409	ng	#	84
58) Fluorene	10.46	166	938320	44.164	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	250628	46.119	ng		97
60) Diethylphthalate	10.33	149	1043969	45.386	ng		100
61) 4-Chlorophenyl-phenylether	10.45	204	466796	44.012	ng		97
62) 4-Nitroaniline	10.49	138	246087	40.263	ng		99
63) Azobenzene	10.60	77	886752	45.008	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	160262	49.405	ng		99
66) n-Nitrosodiphenylamine	10.57	169	837293	43.446	ng		98
67) 4-Bromophenyl-phenylether	10.93	248	301002	42.774	ng		94
68) Hexachlorobenzene	11.01	284	342114	41.302	ng		97
69) Atrazine	11.10	200	300736	50.562	ng		96
70) Pentachlorophenol	11.21	266	293809	81.902	ng		98
71) Phenanthrene	11.42	178	1420240	43.326	ng		100
72) Anthracene	11.47	178	1479697	45.097	ng		99
73) Carbazole	11.63	167	1278122	43.900	ng		99
74) Di-n-butylphthalate	11.95	149	1755150	47.544	ng		99
75) Fluoranthene	12.62	202	1490995	45.069	ng		99
77) Benzidine	12.74	184	755798	64.480	ng		99
78) Pyrene	12.85	202	1493268	42.747	ng		98
80) Butylbenzylphthalate	13.46	149	742055	47.178	ng		97
81) Benzo(a)anthracene	14.04	228	1312921	43.847	ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	311466	30.679	ng		100
83) Chrysene	14.09	228	1246269	43.467	ng		100
84) Bis(2-ethylhexyl)phthalate	14.02	149	1109757	53.657	ng		99
85) Di-n-octyl phthalate	14.63	149	1741778	57.252	ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1151810	47.148	ng		99
88) Benzo(b)fluoranthene	15.11	252	1135935	42.987	ng		98
89) Benzo(k)fluoranthene	15.14	252	1127732	44.446	ng		99
90) Benzo(a)pyrene	15.49	252	1008418	43.320	ng		99
91) Dibenzo(a,h)anthracene	17.08	278	987126	48.866	ng		99
92) Benzo(g,h,i)perylene	17.52	276	950801	48.725	ng		98

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

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