Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
Data File : BF117746.D
Acq On : 8 Nov 2019 22:04
Operator : JU
Sample : K5722-19MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-CMSD

Manual Integrations APPROVED
mohammad
11/11/2019 8:06:29 AM

Quant Time: Nov 09 03:11:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	348995	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	1388711	20.00	ng		-0.01
39) Acenaphthene-d10	9.98	164	750613	20.00	ng		0.00
64) Phenanthrene-d10	11.47	188	1388088	20.00	ng		0.00
76) Chrysene-d12	14.12	240	713659	20.00	ng		0.00
87) Perylene-d12	15.63	264	804391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	2195373	113.87	ng		0.00
7) Phenol-d6	6.56	99	2874268	120.91	ng		0.00
23) Nitrobenzene-d5	7.49	82	1838269	78.15	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	869087	118.36	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	3167327	83.25	ng		0.00
79) Terphenyl-d14	13.06	244	3114834	89.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	344207	35.831	ng		98
3) Pyridine	3.55	79	912139	34.519	ng		97
4) n-Nitrosodimethylamine	3.50	42	490409	42.115	ng		96
6) Aniline	6.59	93	1260204	37.772	ng		98
8) 2-Chlorophenol	6.72	128	992549	46.278	ng		97
9) Benzaldehyde	6.47	77	551433	33.338	ng		96
10) Phenol	6.57	94	1218252m	47.558	ng		
11) bis(2-Chloroethyl)ether	6.66	93	936930	44.294	ng		99
12) 1,3-Dichlorobenzene	6.87	146	1064515	42.818	ng		98
13) 1,4-Dichlorobenzene	6.95	146	1078830	43.349	ng		98
14) 1,2-Dichlorobenzene	7.10	146	1012330	44.178	ng		98
15) Benzyl Alcohol	7.07	79	904150	47.700	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1403678	41.970	ng		99
17) 2-Methylphenol	7.17	107	869987	47.229	ng		99
18) Hexachloroethane	7.45	117	393549	42.781	ng		95
19) n-Nitroso-di-n-propylamine	7.35	70	681605	43.606	ng		99
20) 3+4-Methylphenols	7.33	107	1005779	45.854	ng		93
22) Acetophenone	7.34	105	1308512	41.227	ng	#	99
24) Nitrobenzene	7.52	77	1077209	43.856	ng		98
25) Isophorone	7.76	82	1976364	43.930	ng		100
26) 2-Nitrophenol	7.83	139	574104	50.347	ng		99
27) 2,4-Dimethylphenol	7.86	122	979577	50.947	ng		97
28) bis(2-Chloroethoxy)methane	7.96	93	1194720	41.370	ng		100
29) 2,4-Dichlorophenol	8.07	162	900162	45.442	ng		98
30) 1,2,4-Trichlorobenzene	8.16	180	962900	42.462	ng		99
31) Naphthalene	8.24	128	2830833	44.597	ng		100
32) Benzoic acid	7.99	122	741070	48.691	ng		99
33) 4-Chloroaniline	8.28	127	730120	24.754	ng		97
34) Hexachlorobutadiene	8.36	225	526432	40.538	ng		98
35) Caprolactam	8.66	113	317465m	48.353	ng		
36) 4-Chloro-3-methylphenol	8.76	107	939399	46.996	ng		99
37) 2-Methylnaphthalene	8.93	142	1981479	45.854	ng		99
38) 1-Methylnaphthalene	9.03	142	1877602	45.754	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	863893	42.069	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	868154	78.366	ng		98
43) 2,4,6-Trichlorophenol	9.21	196	685178	45.813	ng		98
44) 2,4,5-Trichlorophenol	9.25	196	704052	46.443	ng		99
46) 1,1'-Biphenyl	9.40	154	2321152	44.154	ng		99
47) 2-Chloronaphthalene	9.43	162	1862173	42.685	ng		98
48) 2-Nitroaniline	9.52	65	606067	44.331	ng		98
49) Acenaphthylene	9.85	152	2973274	46.799	ng		99
50) Dimethylphthalate	9.70	163	2504536	49.356	ng		99
51) 2,6-Dinitrotoluene	9.76	165	533031	46.910	ng		90
52) Acenaphthene	10.02	154	1885098	45.982	ng		99
53) 3-Nitroaniline	9.93	138	392183	28.609	ng		96
54) 2,4-Dinitrophenol	10.03	184	324817	83.383	ng	#	81
55) Dibenzofuran	10.19	168	2582602	45.020	ng		97
56) 4-Nitrophenol	10.09	139	921170	89.351	ng		98
57) 2,4-Dinitrotoluene	10.17	165	705897	48.428	ng		99
58) Fluorene	10.53	166	1891804	44.745	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	581802	46.168	ng		100
60) Diethylphthalate	10.40	149	2195346	43.991	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	969800	44.064	ng		98
62) 4-Nitroaniline	10.55	138	532081	39.435	ng		99
63) Azobenzene	10.69	77	2071709	43.831	ng		95
65) 4,6-Dinitro-2-methylphenol	10.57	198	254152	45.853	ng		92
66) n-Nitrosodiphenylamine	10.64	169	1800332	43.913	ng		99
67) 4-Bromophenyl-phenylether	11.02	248	654661	43.185	ng		95
68) Hexachlorobenzene	11.08	284	736560	42.059	ng		97
69) Atrazine	11.17	200	645769	47.800	ng		99
70) Pentachlorophenol	11.27	266	785777	80.265	ng		97
71) Phenanthrene	11.50	178	3132491	47.081	ng		99
72) Anthracene	11.55	178	3025450	45.706	ng		98
73) Carbazole	11.70	167	2653007	43.843	ng		99
74) Di-n-butylphthalate	12.03	149	3285911	44.658	ng		99
75) Fluoranthene	12.69	202	3639769	53.576	ng		99
77) Benzidine	12.80	184	1123019	45.262	ng		97
78) Pyrene	12.92	202	3539690	67.945	ng		98
80) Butylbenzylphthalate	13.53	149	1320902	54.893	ng		98
81) Benzo(a)anthracene	14.11	228	2459656	55.370	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	670019	40.385	ng		99
83) Chrysene	14.15	228	2464923	56.188	ng		100
84) Bis(2-ethylhexyl)phthalate	14.10	149	1789931	57.665	ng		100
85) Di-n-octyl phthalate	14.72	149	2787233	57.062	ng		99
86) Indeno(1,2,3-cd)pyrene	17.17	276	2547623	62.394	ng		99
88) Benzo(b)fluoranthene	15.19	252	3031155	59.831	ng		99
89) Benzo(k)fluoranthene	15.22	252	1953554	43.235	ng		98
90) Benzo(a)pyrene	15.57	252	2230855	50.797	ng		99
91) Dibenzo(a,h)anthracene	17.19	278	1909745	48.485	ng		98
92) Benzo(g,h,i)perylene	17.64	276	2104657	55.136	ng		99

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

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