Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072419\
Data File : BF115748.D
Acq On : 24 Jul 2019 14:14
Operator : HP/JU
Sample : PB121678BSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121678BSD

Manual Integrations APPROVED
mohammad
7/25/2019 2:17:30 PM

Quant Time: Jul 24 16:57:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 24 16:36:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	162066	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	663636	20.00	ng	0.00
39) Acenaphthene-d10	9.91	164	336507	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	626697	20.00	ng	0.00
76) Chrysene-d12	14.04	240	442615	20.00	ng	0.00
87) Perylene-d12	15.50	264	374029	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	803795	81.13	ng	0.00
7) Phenol-d6	6.50	99	1024769	81.51	ng	0.00
23) Nitrobenzene-d5	7.43	82	954561	83.64	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	302569	77.03	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1745804	90.80	ng	0.00
79) Terphenyl-d14	12.98	244	1837163	76.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.77	88	185032	37.439	ng	97
3) Pyridine	3.51	79	465893	34.745	ng	98
4) n-Nitrosodimethylamine	3.46	42	203812	41.898	ng	96
6) Aniline	6.53	93	474438	27.117	ng	98
8) 2-Chlorophenol	6.66	128	460456	40.421	ng	98
9) Benzaldehyde	6.42	77	184212	23.447	ng	98
10) Phenol	6.52	94	589393	40.385	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	441135	39.701	ng	98
12) 1,3-Dichlorobenzene	6.82	146	485562	37.912	ng	98
13) 1,4-Dichlorobenzene	6.89	146	492305	38.525	ng	98
14) 1,2-Dichlorobenzene	7.05	146	457135	39.133	ng	99
15) Benzyl Alcohol	7.02	79	387537	38.858	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	593204	40.551	ng	99
17) 2-Methylphenol	7.13	107	404766	41.231	ng	99
18) Hexachloroethane	7.39	117	182948	38.571	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	322153	39.290	ng	98
20) 3+4-Methylphenols	7.28	107	469697	40.280	ng	91
22) Acetophenone	7.28	105	627454	41.851	ng	96
24) Nitrobenzene	7.45	77	511295	41.535	ng	98
25) Isophorone	7.69	82	940352	41.175	ng	98
26) 2-Nitrophenol	7.77	139	261137	41.213	ng	94
27) 2,4-Dimethylphenol	7.80	122	438878	46.293	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	582210	41.555	ng	99
29) 2,4-Dichlorophenol	8.02	162	417460	42.340	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	431778	38.742	ng	99
31) Naphthalene	8.17	128	1347246	41.918	ng	100
32) Benzoic acid	7.94	122	278394	35.782	ng	97
33) 4-Chloroaniline	8.22	127	364262	25.587	ng	98
34) Hexachlorobutadiene	8.30	225	247031	38.652	ng	98
35) Caprolactam	8.59	113	123431m	40.512	ng	
36) 4-Chloro-3-methylphenol	8.71	107	428734	41.920	ng	98
37) 2-Methylnaphthalene	8.87	142	914710	42.935	ng	98
38) 1-Methylnaphthalene	8.97	142	849862	41.997	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	408643	40.326	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	362684	62.743	ng		100
43) 2,4,6-Trichlorophenol	9.15	196	288834	38.976	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	301614	39.743	ng		96
46) 1,1'-Biphenyl	9.33	154	1110123	42.198	ng		99
47) 2-Chloronaphthalene	9.36	162	878106	40.087	ng		99
48) 2-Nitroaniline	9.45	65	270498	39.897	ng		98
49) Acenaphthylene	9.77	152	1328299	40.923	ng		100
50) Dimethylphthalate	9.63	163	1026129	40.530	ng		99
51) 2,6-Dinitrotoluene	9.69	165	230006	39.976	ng		90
52) Acenaphthene	9.95	154	807354	38.527	ng		100
53) 3-Nitroaniline	9.86	138	168456	25.621	ng		93
54) 2,4-Dinitrophenol	9.97	184	228231	77.261	ng		98
55) Dibenzofuran	10.12	168	1189976	39.987	ng		97
56) 4-Nitrophenol	10.03	139	346373	69.084	ng		91
57) 2,4-Dinitrotoluene	10.10	165	302595	40.594	ng	#	85
58) Fluorene	10.46	166	884870	41.593	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	256133	40.373	ng		99
60) Diethylphthalate	10.33	149	981698	41.384	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	454222	38.500	ng		97
62) 4-Nitroaniline	10.47	138	235138	37.283	ng		98
63) Azobenzene	10.61	77	997554	43.355	ng		99
65) 4,6-Dinitro-2-methylphenol	10.51	198	155151	40.521	ng		90
66) n-Nitrosodiphenylamine	10.57	169	815427	41.829	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	284968	39.791	ng		98
68) Hexachlorobenzene	11.02	284	316866	38.743	ng		98
69) Atrazine	11.10	200	258665	40.447	ng		99
70) Pentachlorophenol	11.21	266	348937	69.756	ng		98
71) Phenanthrene	11.42	178	1310391	40.792	ng		99
72) Anthracene	11.47	178	1341172	40.398	ng		100
73) Carbazole	11.63	167	1201347	41.265	ng		99
74) Di-n-butylphthalate	11.96	149	1501370	41.867	ng		100
75) Fluoranthene	12.61	202	1368162	40.304	ng		97
77) Benzidine	12.72	184	453593	28.929	ng		100
78) Pyrene	12.84	202	1387870	37.010	ng		100
80) Butylbenzylphthalate	13.45	149	637779	39.896	ng		99
81) Benzo(a)anthracene	14.03	228	1168844	40.084	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	359404	34.671	ng		98
83) Chrysene	14.06	228	1146694	39.173	ng		99
84) Bis(2-ethylhexyl)phthalate	14.01	149	891632	45.028	ng		100
85) Di-n-octyl phthalate	14.62	149	1486233	47.173	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	988032	39.729	ng		99
88) Benzo(b)fluoranthene	15.08	252	1129600	46.902	ng		99
89) Benzo(k)fluoranthene	15.11	252	1003406	46.730	ng		98
90) Benzo(a)pyrene	15.44	252	984833	47.576	ng		100
91) Dibenzo(a,h)anthracene	17.00	278	829398	45.639	ng		98
92) Benzo(g,h,i)perylene	17.43	276	767032	42.321	ng		99

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

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