Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121886.D
Acq On : 8 Oct 2020 13:33
Operator : JU/CG
Sample : PB132200BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB132200BS

Manual Integrations APPROVED
mohammad
10/12/2020 11:31:24 AM

Quant Time: Oct 08 14:19:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	146162	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	566752	20.00	ng		-0.01
39) Acenaphthene-d10	9.80	164	294062	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	540118	20.00	ng		0.00
76) Chrysene-d12	13.93	240	418796	20.00	ng		0.00
86) Perylene-d12	15.37	264	339963	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	987262	100.38	ng		0.00
7) Phenol-d6	6.42	99	1253258	97.13	ng		0.00
23) Nitrobenzene-d5	7.33	82	843399	79.90	ng		0.00
42) 2,4,6-Tribromophenol	10.60	330	382725	104.72	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	1416557	72.96	ng		0.00
79) Terphenyl-d14	12.87	244	1679798	81.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	153523	33.977	ng		98
3) Pyridine	3.29	79	428422	34.298	ng		99
4) n-Nitrosodimethylamine	3.25	42	220760	38.102	ng		99
6) Aniline	6.43	93	479562	28.537	ng	#	28
8) 2-Chlorophenol	6.55	128	404718	40.417	ng		96
9) Benzaldehyde	6.31	77	141978	16.832	ng		97
10) Phenol	6.43	94	486087	35.377	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	398960	38.525	ng		99
12) 1,3-Dichlorobenzene	6.70	146	421720	37.732	ng		97
13) 1,4-Dichlorobenzene	6.78	146	422154	37.617	ng		98
14) 1,2-Dichlorobenzene	6.93	146	389954	37.719	ng		98
15) Benzyl Alcohol	6.92	79	319613	36.443	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.04	45	607358	36.446	ng		82
17) 2-Methylphenol	7.03	107	330075	38.741	ng		95
18) Hexachloroethane	7.27	117	156175	38.866	ng		99
19) n-Nitroso-di-n-propylamine	7.19	70	281549	37.861	ng		97
20) 3+4-Methylphenols	7.19	107	393354	38.425	ng	#	70
22) Acetophenone	7.17	105	519888	36.155	ng		94
24) Nitrobenzene	7.35	77	432316	37.868	ng		97
25) Isophorone	7.59	82	782910	36.845	ng		100
26) 2-Nitrophenol	7.67	139	211891	39.882	ng		97
27) 2,4-Dimethylphenol	7.71	122	336391	35.466	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	491864	37.391	ng		100
29) 2,4-Dichlorophenol	7.92	162	331663	38.392	ng		97
30) 1,2,4-Trichlorobenzene	7.99	180	341621	37.547	ng		98
31) Naphthalene	8.07	128	1115457	37.284	ng		100
32) Benzoic acid	7.87	122	165546	26.949	ng		97
33) 4-Chloroaniline	8.12	127	403612	31.122	ng		99
34) Hexachlorobutadiene	8.18	225	203197	38.049	ng		99
35) Caprolactam	8.51	113	109075m	37.914	ng		
36) 4-Chloro-3-methylphenol	8.62	107	362649	38.968	ng		99
37) 2-Methylnaphthalene	8.76	142	734994	37.488	ng		98
38) 1-Methylnaphthalene	8.86	142	684703	37.524	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	339277	36.936	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.91	237	215139	41.013	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	222165	35.484	ng		99
44) 2,4,5-Trichlorophenol	9.09	196	237944	35.949	ng		97
46) 1,1'-Biphenyl	9.23	154	849144	36.070	ng		98
47) 2-Chloronaphthalene	9.25	162	680311	36.672	ng		99
48) 2-Nitroaniline	9.35	65	240119	41.652	ng		99
49) Acenaphthylene	9.66	152	1038381	36.430	ng		100
50) Dimethylphthalate	9.53	163	825786	38.745	ng		100
51) 2,6-Dinitrotoluene	9.60	165	182469	40.200	ng		88
52) Acenaphthene	9.83	154	623941	34.657	ng		100
53) 3-Nitroaniline	9.76	138	162149	30.838	ng		97
54) 2,4-Dinitrophenol	9.89	184	162401	64.065	ng		97
55) Dibenzofuran	10.01	168	891750	35.173	ng		99
56) 4-Nitrophenol	9.95	139	217972	51.980	ng		90
57) 2,4-Dinitrotoluene	10.00	165	223808	39.193	ng	#	84
58) Fluorene	10.35	166	729115	37.606	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	199648	37.103	ng		97
60) Diethylphthalate	10.23	149	793257	38.174	ng		99
61) 4-Chlorophenyl-phenylether	10.34	204	357474	38.489	ng		95
62) 4-Nitroaniline	10.39	138	202336	38.755	ng		97
63) Azobenzene	10.50	77	817706	36.952	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	127799	39.907	ng		92
66) n-Nitrosodiphenylamine	10.46	169	696493	37.587	ng		99
67) 4-Bromophenyl-phenylether	10.83	248	240761	39.151	ng		95
68) Hexachlorobenzene	10.90	284	267310	38.518	ng	#	92
69) Atrazine	10.99	200	209350	45.474	ng		99
70) Pentachlorophenol	11.10	266	204256	53.592	ng		96
71) Phenanthrene	11.32	178	1089278	37.015	ng		100
72) Anthracene	11.37	178	1119680	36.870	ng		99
73) Carbazole	11.52	167	1021745	37.284	ng		100
74) Di-n-butylphthalate	11.84	149	1214640	38.402	ng		100
75) Fluoranthene	12.50	202	1184617	37.710	ng		98
77) Benzidine	12.62	184	642840	46.301	ng		100
78) Pyrene	12.73	202	1189334	38.869	ng		99
80) Butylbenzylphthalate	13.34	149	518085	41.865	ng		98
81) Benzo(a)anthracene	13.92	228	1038927	39.212	ng		100
82) 3,3'-Dichlorobenzidine	13.88	252	290451	28.080	ng		98
83) Chrysene	13.96	228	1005085	37.462	ng		100
84) Bis(2-ethylhexyl)phthalate	13.90	149	704748	42.629	ng		99
85) Di-n-octyl phthalate	14.52	149	1159271	39.734	ng		100
87) Indeno(1,2,3-cd)pyrene	16.80	276	861609	38.917	ng		99
88) Benzo(b)fluoranthene	14.96	252	909657	40.026	ng		99
89) Benzo(k)fluoranthene	14.99	252	895299	43.018	ng		99
90) Benzo(a)pyrene	15.31	252	795841	41.195	ng		98
91) Dibenzo(a,h)anthracene	16.81	278	706801	38.351	ng		99
92) Benzo(g,h,i)perylene	17.23	276	699965	38.638	ng		99

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

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