Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012120\
Data File : BF118636.D
Acq On : 21 Jan 2020 15:46
Operator : CG/JU
Sample : PB126132BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB126132BS

Manual Integrations APPROVED
mohammad
1/22/2020 1:36:18 PM

Quant Time: Jan 21 18:18:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	398795	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1458504	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	846432	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	1570216	20.00	ng		0.00
76) Chrysene-d12	14.04	240	1186208	20.00	ng		0.00
87) Perylene-d12	15.52	264	1050472	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	2666894	124.20	ng		0.01
7) Phenol-d6	6.52	99	3433960	123.04	ng		0.00
23) Nitrobenzene-d5	7.44	82	1955284	74.99	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	1240621	126.72	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	3823249	74.24	ng		0.00
79) Terphenyl-d14	12.99	244	4286788	78.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	426322	40.992	ng		98
3) Pyridine	3.51	79	1055009	35.991	ng		99
4) n-Nitrosodimethylamine	3.45	42	488957	38.908	ng		88
6) Aniline	6.54	93	1249085	33.990	ng		98
8) 2-Chlorophenol	6.67	128	1077593	44.711	ng		99
9) Benzaldehyde	6.43	77	585007	34.467	ng		95
10) Phenol	6.53	94	1345243	42.297	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	1009240	42.769	ng		99
12) 1,3-Dichlorobenzene	6.82	146	1173821	41.611	ng		99
13) 1,4-Dichlorobenzene	6.90	146	1199592	42.363	ng		100
14) 1,2-Dichlorobenzene	7.05	146	1143570	42.960	ng		99
15) Benzyl Alcohol	7.02	79	972596	43.945	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1323952	40.281	ng		100
17) 2-Methylphenol	7.13	107	902059	44.933	ng		99
18) Hexachloroethane	7.40	117	419078	40.814	ng		100
19) n-Nitroso-di-n-propylamine	7.29	70	787179	41.772	ng		99
20) 3+4-Methylphenols	7.28	107	1098140	44.803	ng		92
22) Acetophenone	7.29	105	1415162	40.959	ng	#	94
24) Nitrobenzene	7.46	77	1131038	42.362	ng		100
25) Isophorone	7.70	82	2087627	43.894	ng		99
26) 2-Nitrophenol	7.77	139	536229	47.096	ng		97
27) 2,4-Dimethylphenol	7.82	122	1025802	52.174	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	1292588	42.179	ng		99
29) 2,4-Dichlorophenol	8.02	162	976495	44.929	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	1061409	42.118	ng		99
31) Naphthalene	8.19	128	3004391	45.600	ng		99
32) Benzoic acid	7.93	122	612201	41.489	ng		98
33) 4-Chloroaniline	8.23	127	682763	22.421	ng		99
34) Hexachlorobutadiene	8.31	225	620324	40.421	ng		100
35) Caprolactam	8.59	113	301993m	42.459	ng		
36) 4-Chloro-3-methylphenol	8.71	107	958226	44.646	ng		97
37) 2-Methylnaphthalene	8.88	142	2145594	46.136	ng		99
38) 1-Methylnaphthalene	8.97	142	2012418	45.548	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	1067530	40.308	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	1246615	93.294	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	746707	42.488	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	777022	43.291	ng		99
46) 1,1'-Biphenyl	9.34	154	2532805	43.418	ng		98
47) 2-Chloronaphthalene	9.37	162	2039229	41.473	ng		97
48) 2-Nitroaniline	9.46	65	585047	38.707	ng		94
49) Acenaphthylene	9.79	152	3125267	45.181	ng		98
50) Dimethylphthalate	9.64	163	2364954	42.885	ng		99
51) 2,6-Dinitrotoluene	9.70	165	534039	43.246	ng		91
52) Acenaphthene	9.96	154	2120764	45.851	ng		99
53) 3-Nitroaniline	9.86	138	358305	25.411	ng		97
54) 2,4-Dinitrophenol	9.97	184	451567	91.597	ng	#	37
55) Dibenzofuran	10.13	168	2865238	44.700	ng		98
56) 4-Nitrophenol	10.03	139	951450	89.383	ng		92
57) 2,4-Dinitrotoluene	10.10	165	687414	44.157	ng		96
58) Fluorene	10.47	166	2201534	43.750	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	679329	43.031	ng		99
60) Diethylphthalate	10.35	149	2267105	42.401	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	1169971	42.749	ng		98
62) 4-Nitroaniline	10.49	138	560503	38.752	ng		95
63) Azobenzene	10.62	77	2226296	42.994	ng		94
65) 4,6-Dinitro-2-methylphenol	10.52	198	334985	48.516	ng		84
66) n-Nitrosodiphenylamine	10.58	169	2025341	42.770	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	795199	40.991	ng		98
68) Hexachlorobenzene	11.02	284	886961	40.328	ng		95
69) Atrazine	11.10	200	745470	45.419	ng		99
70) Pentachlorophenol	11.22	266	1001304	81.884	ng		98
71) Phenanthrene	11.43	178	3215165	42.442	ng		99
72) Anthracene	11.49	178	3301084	44.039	ng		98
73) Carbazole	11.63	167	2936465	42.710	ng		99
74) Di-n-butylphthalate	11.96	149	3325436	43.534	ng		100
75) Fluoranthene	12.62	202	3434889	42.991	ng		99
77) Benzidine	12.73	184	2013368	63.524	ng		99
78) Pyrene	12.85	202	3476894	43.174	ng		98
80) Butylbenzylphthalate	13.46	149	1433972	43.508	ng		97
81) Benzo(a)anthracene	14.03	228	3101953	43.471	ng		100
82) 3,3'-Dichlorobenzidine	13.99	252	665223	26.162	ng		98
83) Chrysene	14.07	228	2925942	42.784	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	1814093	45.052	ng		99
85) Di-n-octyl phthalate	14.64	149	2775614	46.569	ng		99
86) Indeno(1,2,3-cd)pyrene	17.00	276	2470021	41.567	ng		99
88) Benzo(b)fluoranthene	15.09	252	2839981	43.011	ng		99
89) Benzo(k)fluoranthene	15.12	252	2476116	40.477	ng		99
90) Benzo(a)pyrene	15.46	252	2336230	41.016	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	2060599	40.898	ng		98
92) Benzo(g,h,i)perylene	17.44	276	2036598	41.631	ng		99

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

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