Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
Data File : BF121454.D
Acq On : 28 Aug 2020 11:42
Operator : JU/CG
Sample : PB131187BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB131187BS

Manual Integrations APPROVED
mohammad
8/31/2020 10:27:11 AM

Quant Time: Aug 28 12:22:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	314156	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1215780	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	637255	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1202064	20.00	ng		0.00
76) Chrysene-d12	14.03	240	909558	20.00	ng		0.00
86) Perylene-d12	15.49	264	821090	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1835316	98.01	ng		0.01
7) Phenol-d6	6.49	99	2420005	92.48	ng		0.00
23) Nitrobenzene-d5	7.42	82	1501564	84.44	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	736951	114.49	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	2861069	72.44	ng		0.00
79) Terphenyl-d14	12.97	244	2943288	68.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	465197	52.094	ng		99
3) Pyridine	3.46	79	664204	27.314	ng		98
4) n-Nitrosodimethylamine	3.42	42	399709	37.185	ng		96
6) Aniline	6.52	93	1133999	36.524	ng		100
8) 2-Chlorophenol	6.65	128	832454	43.804	ng		96
9) Benzaldehyde	6.41	77	550957	44.760	ng		98
10) Phenol	6.50	94	1089342	42.556	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	808003	38.851	ng		97
12) 1,3-Dichlorobenzene	6.80	146	844515	36.907	ng		98
13) 1,4-Dichlorobenzene	6.88	146	850348	37.081	ng		99
14) 1,2-Dichlorobenzene	7.03	146	824892	38.632	ng		99
15) Benzyl Alcohol	7.00	79	706885	41.158	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1166948	37.875	ng		99
17) 2-Methylphenol	7.11	107	679791	41.112	ng		99
18) Hexachloroethane	7.37	117	308254	39.277	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	598271	40.912	ng		100
20) 3+4-Methylphenols	7.26	107	831661	41.563	ng	#	88
22) Acetophenone	7.27	105	1115747	37.234	ng	#	95
24) Nitrobenzene	7.44	77	841764	47.222	ng		99
25) Isophorone	7.69	82	1632559	40.815	ng		99
26) 2-Nitrophenol	7.76	139	361111	48.400	ng		94
27) 2,4-Dimethylphenol	7.79	122	785521	47.350	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	1034790	38.045	ng		100
29) 2,4-Dichlorophenol	8.00	162	703618	42.955	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	737744	36.765	ng		98
31) Naphthalene	8.17	128	2316168	38.374	ng		100
32) Benzoic acid	7.92	122	465464	46.010	ng		100
33) 4-Chloroaniline	8.21	127	825640	30.712	ng		98
34) Hexachlorobutadiene	8.29	225	431893	36.193	ng		99
35) Caprolactam	8.58	113	230190m	43.087	ng		
36) 4-Chloro-3-methylphenol	8.69	107	734838	42.549	ng		100
37) 2-Methylnaphthalene	8.86	142	1610672	40.276	ng		99
38) 1-Methylnaphthalene	8.96	142	1514599	40.110	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	714785	37.839	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	849179	106.899	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	517263	43.323	ng		100
44) 2,4,5-Trichlorophenol	9.17	196	555450	47.046	ng		98
46) 1,1'-Biphenyl	9.32	154	1932195	40.181	ng		99
47) 2-Chloronaphthalene	9.35	162	1471705	37.234	ng		97
48) 2-Nitroaniline	9.44	65	458539	42.256	ng		97
49) Acenaphthylene	9.76	152	2415524	40.743	ng		100
50) Dimethylphthalate	9.63	163	1747219	39.915	ng		100
51) 2,6-Dinitrotoluene	9.68	165	377655	46.296	ng		90
52) Acenaphthene	9.93	154	1576770	42.119	ng		100
53) 3-Nitroaniline	9.85	138	322480	32.800	ng	#	95
54) 2,4-Dinitrophenol	9.96	184	279816	76.506	ng		87
55) Dibenzofuran	10.11	168	2157028	39.666	ng		100
56) 4-Nitrophenol	10.01	139	676480	80.036	ng		95
57) 2,4-Dinitrotoluene	10.09	165	471388	46.876	ng		98
58) Fluorene	10.45	166	1597795	38.976	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	462942	47.096	ng		100
60) Diethylphthalate	10.33	149	1803322	41.005	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	796700	38.788	ng		94
62) 4-Nitroaniline	10.47	138	423272	40.367	ng		98
63) Azobenzene	10.60	77	1775341	40.821	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	188697	51.799	ng		97
66) n-Nitrosodiphenylamine	10.56	169	1538811	40.475	ng		99
67) 4-Bromophenyl-phenylether	10.93	248	519074	39.253	ng		99
68) Hexachlorobenzene	11.00	284	594511	38.446	ng		99
69) Atrazine	11.09	200	443096	40.187	ng		99
70) Pentachlorophenol	11.19	266	696036	98.525	ng		97
71) Phenanthrene	11.41	178	2390248	38.748	ng		100
72) Anthracene	11.46	178	2467949	40.677	ng		99
73) Carbazole	11.62	167	2280879	38.985	ng		100
74) Di-n-butylphthalate	11.95	149	2689343	41.378	ng		100
75) Fluoranthene	12.60	202	2598008	39.078	ng		99
77) Benzidine	12.72	184	1588340	80.070	ng		99
78) Pyrene	12.83	202	2670169	41.106	ng		100
80) Butylbenzylphthalate	13.45	149	1146699	45.821	ng		99
81) Benzo(a)anthracene	14.02	228	2148519	38.695	ng		100
82) 3,3'-Dichlorobenzidine	13.98	252	690595	33.957	ng		98
83) Chrysene	14.06	228	2177930	39.207	ng		100
84) Bis(2-ethylhexyl)phthalate	14.01	149	1430842	44.269	ng		100
85) Di-n-octyl phthalate	14.63	149	2567140	46.867	ng		100
87) Indeno(1,2,3-cd)pyrene	16.96	276	1998547	39.559	ng		99
88) Benzo(b)fluoranthene	15.06	252	2242267	41.981	ng		100
89) Benzo(k)fluoranthene	15.10	252	2023460	40.730	ng		100
90) Benzo(a)pyrene	15.43	252	1916109	39.896	ng		100
91) Dibenzo(a,h)anthracene	16.98	278	1673370	40.464	ng		99
92) Benzo(g,h,i)perylene	17.40	276	1612563	40.479	ng		99

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

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