Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
Data File : BF121632.D
Acq On : 21 Sep 2020 18:06
Operator : JU/CG
Sample : L4059-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PAV-B33-091720-10-19MS

Manual Integrations APPROVED
mohammad
9/22/2020 10:08:53 AM

Quant Time: Sep 21 19:04:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 21 14:19:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	161056	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	633764	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	336317	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	643793	20.00	ng		0.00
76) Chrysene-d12	14.00	240	494996	20.00	ng		0.00
86) Perylene-d12	15.46	264	414274	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	1101255	101.62	ng		0.01
7) Phenol-d6	6.46	99	1452289	102.15	ng		0.00
23) Nitrobenzene-d5	7.39	82	1007500	85.35	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	488541	116.88	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1742491	78.47	ng		0.00
79) Terphenyl-d14	12.94	244	1876878	76.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	182698	36.695	ng		99
3) Pyridine	3.35	79	547083	39.748	ng		98
4) n-Nitrosodimethylamine	3.30	42	273949	42.909	ng		97
6) Aniline	6.48	93	409218	22.099	ng	#	66
8) 2-Chlorophenol	6.60	128	507828	46.024	ng		96
9) Benzaldehyde	6.36	77	208281	22.409	ng		97
10) Phenol	6.47	94	612404	40.449	ng		92
11) bis(2-Chloroethyl)ether	6.56	93	497575	43.604	ng		99
12) 1,3-Dichlorobenzene	6.76	146	523917	42.541	ng		97
13) 1,4-Dichlorobenzene	6.83	146	522841	42.280	ng		97
14) 1,2-Dichlorobenzene	6.99	146	509628	44.736	ng		99
15) Benzyl Alcohol	6.96	79	453968	46.976	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	756729	41.210	ng		100
17) 2-Methylphenol	7.08	107	417898	44.512	ng		98
18) Hexachloroethane	7.33	117	195456	44.143	ng		96
19) n-Nitroso-di-n-propylamine	7.24	70	349227	42.619	ng		98
20) 3+4-Methylphenols	7.23	107	488969	43.349	ng		94
22) Acetophenone	7.23	105	658664	40.962	ng	#	97
24) Nitrobenzene	7.40	77	545807	42.753	ng		98
25) Isophorone	7.65	82	988621	41.607	ng		99
26) 2-Nitrophenol	7.72	139	263189	44.016	ng		99
27) 2,4-Dimethylphenol	7.76	122	444600	41.918	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	624448	42.451	ng		99
29) 2,4-Dichlorophenol	7.96	162	420192	43.496	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	434017	42.659	ng		99
31) Naphthalene	8.13	128	1405395	42.008	ng		99
32) Benzoic acid	7.85	122	16831	8.755	ng		96
33) 4-Chloroaniline	8.17	127	249525	17.206	ng		98
34) Hexachlorobutadiene	8.25	225	260842	43.678	ng		98
35) Caprolactam	8.57	113	138728m	43.123	ng		
36) 4-Chloro-3-methylphenol	8.67	107	470151	45.178	ng		96
37) 2-Methylnaphthalene	8.82	142	941880	42.960	ng		100
38) 1-Methylnaphthalene	8.92	142	874833	42.874	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	437614	41.656	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	425107	70.858	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	310751	43.397	ng		98
44) 2,4,5-Trichlorophenol	9.15	196	322637	42.621	ng		93
46) 1,1'-Biphenyl	9.29	154	1115033	41.413	ng		100
47) 2-Chloronaphthalene	9.31	162	873613	41.175	ng		99
48) 2-Nitroaniline	9.41	65	308132	46.735	ng		100
49) Acenaphthylene	9.73	152	1374111	42.151	ng		100
50) Dimethylphthalate	9.59	163	1304906	53.533	ng		99
51) 2,6-Dinitrotoluene	9.65	165	242432	46.700	ng		98
52) Acenaphthene	9.90	154	814021	39.534	ng		99
53) 3-Nitroaniline	9.82	138	174873	29.079	ng		92
54) 2,4-Dinitrophenol	9.93	184	71599	30.256	ng		98
55) Dibenzofuran	10.07	168	1218773	42.032	ng		99
56) 4-Nitrophenol	10.00	139	392113	81.760	ng		91
57) 2,4-Dinitrotoluene	10.06	165	321031	49.156	ng		92
58) Fluorene	10.42	166	949123	42.803	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	267284	43.431	ng		99
60) Diethylphthalate	10.29	149	1053317	44.321	ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	458379	43.153	ng		100
62) 4-Nitroaniline	10.44	138	259273	43.422	ng		99
63) Azobenzene	10.57	77	1055057	41.688	ng		100
65) 4,6-Dinitro-2-methylphenol	10.47	198	110980	30.934	ng		92
66) n-Nitrosodiphenylamine	10.53	169	921770	41.733	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	313426	42.760	ng		99
68) Hexachlorobenzene	10.96	284	358014	43.280	ng		97
69) Atrazine	11.06	200	230338	41.976	ng		99
70) Pentachlorophenol	11.16	266	290366	63.917	ng		99
71) Phenanthrene	11.38	178	1473780	42.016	ng		99
72) Anthracene	11.43	178	1512509	41.785	ng		100
73) Carbazole	11.59	167	1371433	41.985	ng		99
74) Di-n-butylphthalate	11.92	149	1573976	41.749	ng		100
75) Fluoranthene	12.57	202	1597337	42.659	ng		99
77) Benzidine	12.69	184	385738	23.506	ng	#	89
78) Pyrene	12.80	202	1611495	44.558	ng		100
80) Butylbenzylphthalate	13.42	149	683268	46.714	ng		100
81) Benzo(a)anthracene	13.99	228	1335775	42.655	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	198823	16.263	ng		99
83) Chrysene	14.03	228	1332106	42.007	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	854566	43.734	ng	#	99
85) Di-n-octyl phthalate	14.59	149	1468501	42.585	ng		100
87) Indeno(1,2,3-cd)pyrene	16.92	276	1292960	47.925	ng		99
88) Benzo(b)fluoranthene	15.04	252	1330170	48.030	ng		98
89) Benzo(k)fluoranthene	15.07	252	1101819	43.445	ng		99
90) Benzo(a)pyrene	15.40	252	1071717	45.525	ng		100
91) Dibenzo(a,h)anthracene	16.94	278	1050117	46.759	ng		100
92) Benzo(g,h,i)perylene	17.36	276	1088688	49.316	ng		100

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

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