Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002708.D
Acq On : 09 Jul 2020 21:21
Operator : CG/JU
Sample : L3183-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OK-02-070720MS

Quant Time: Jul 10 01:01:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	69015	20.00	ng		-0.01
21) Naphthalene-d8	10.33	136	329320	20.00	ng		-0.01
39) Acenaphthene-d10	14.22	164	236738	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	617652	20.00	ng		0.00
76) Chrysene-d12	21.09	240	762037	20.00	ng		0.00
86) Perylene-d12	23.27	264	927628	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	629688	154.48	ng		0.00
7) Phenol-d6	6.77	99	844953	148.51	ng		0.00
23) Nitrobenzene-d5	8.71	82	575153	89.99	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	396147	137.58	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	1362863	84.73	ng		-0.01
79) Terphenyl-d14	19.56	244	2933392	83.09	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	67191	38.460	ng	#	48
3) Pyridine	3.53	79	230476	44.512	ng		99
4) n-Nitrosodimethylamine	3.43	42	97486	44.353	ng	#	89
6) Aniline	6.90	93	294143	41.155	ng		98
8) 2-Chlorophenol	7.14	128	250082	55.230	ng		99
9) Benzaldehyde	6.72	77	69586	21.036	ng		97
10) Phenol	6.79	94	315904	55.061	ng		93
11) bis(2-Chloroethyl)ether	7.00	93	244379	51.896	ng		97
12) 1,3-Dichlorobenzene	7.46	146	227028	43.451	ng		97
13) 1,4-Dichlorobenzene	7.60	146	233727	43.908	ng		100
14) 1,2-Dichlorobenzene	7.92	146	231344	45.150	ng		99
15) Benzyl Alcohol	7.81	79	231703	54.199	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	334908	51.046	ng		98
17) 2-Methylphenol	8.03	107	229867	53.527	ng		97
18) Hexachloroethane	8.63	117	81532	42.439	ng		99
19) n-Nitroso-di-n-propylamine	8.37	70	201886	54.083	ng		99
20) 3+4-Methylphenols	8.35	107	310543	53.637	ng		98
22) Acetophenone	8.38	105	384424	46.120	ng	#	97
24) Nitrobenzene	8.75	77	304684	45.037	ng		99
25) Isophorone	9.27	82	603119	47.081	ng		99
26) 2-Nitrophenol	9.46	139	136254	44.161	ng		97
27) 2,4-Dimethylphenol	9.54	122	243527	52.089	ng		95
28) bis(2-Chloroethoxy)methane	9.76	93	359192	48.813	ng		99
29) 2,4-Dichlorophenol	10.01	162	265412	49.259	ng		99
30) 1,2,4-Trichlorobenzene	10.21	180	248181	40.914	ng		98
31) Naphthalene	10.39	128	781879	44.850	ng		99
32) Benzoic acid	9.69	122	140376	40.000	ng		98
33) 4-Chloroaniline	10.50	127	191762	25.147	ng		99
34) Hexachlorobutadiene	10.69	225	130297	35.093	ng		98
35) Caprolactam	11.26	113	99574	54.977	ng		95
36) 4-Chloro-3-methylphenol	11.66	107	317650	53.789	ng		99
37) 2-Methylnaphthalene	12.01	142	594760	46.790	ng		97
38) 1-Methylnaphthalene	12.23	142	572038	47.783	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	289763	39.199	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	175389	47.344	ng		99
43) 2,4,6-Trichlorophenol	12.65	196	222729	44.530	ng		97
44) 2,4,5-Trichlorophenol	12.73	196	253109	43.959	ng		97
46) 1,1'-Biphenyl	13.04	154	772879	43.159	ng		98
47) 2-Chloronaphthalene	13.07	162	624490	42.840	ng		98
48) 2-Nitroaniline	13.29	65	236220	50.796	ng		95
49) Acenaphthylene	13.93	152	1056639	46.058	ng		100
50) Dimethylphthalate	13.68	163	1149575	61.826	ng		99
51) 2,6-Dinitrotoluene	13.80	165	197479	49.176	ng		97
52) Acenaphthene	14.28	154	631309	46.641	ng		98
53) 3-Nitroaniline	14.13	138	154443	35.321	ng		100
54) 2,4-Dinitrophenol	14.35	184	162684	66.115	ng		90
55) Dibenzofuran	14.62	168	1038873	47.361	ng		98
56) 4-Nitrophenol	14.47	139	336981	97.090	ng		93
57) 2,4-Dinitrotoluene	14.60	165	293982	54.421	ng		95
58) Fluorene	15.27	166	836958	50.100	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	236317	50.807	ng		99
60) Diethylphthalate	15.06	149	913036	49.382	ng		99
61) 4-Chlorophenyl-phenylether	15.27	204	410487	45.819	ng		93
62) 4-Nitroaniline	15.30	138	243738	55.772	ng		88
63) Azobenzene	15.57	77	924338	51.703	ng		97
65) 4,6-Dinitro-2-methylphenol	15.37	198	147625	37.748	ng		97
66) n-Nitrosodiphenylamine	15.49	169	795044	44.094	ng		98
67) 4-Bromophenyl-phenylether	16.17	248	270856	39.023	ng		96
68) Hexachlorobenzene	16.29	284	305376	41.068	ng		98
69) Atrazine	16.46	200	281612	48.675	ng		99
70) Pentachlorophenol	16.64	266	364631	85.612	ng		99
71) Phenanthrene	17.02	178	1561076	46.975	ng		100
72) Anthracene	17.11	178	1612469	48.760	ng		99
73) Carbazole	17.39	167	1626756	50.900	ng		99
74) Di-n-butylphthalate	17.96	149	1815427	48.233	ng		99
75) Fluoranthene	19.00	202	2137759	53.144	ng		98
78) Pyrene	19.36	202	2221109	42.821	ng		100
80) Butylbenzylphthalate	20.25	149	989530	43.698	ng		97
81) Benzo(a)anthracene	21.07	228	2288648	45.939	ng		99
82) 3,3'-Dichlorobenzidine	21.00	252	706880	38.756	ng	#	98
83) Chrysene	21.12	228	2209372	46.248	ng		97
84) Bis(2-ethylhexyl)phthalate	21.02	149	1450438	44.606	ng		99
85) Di-n-octyl phthalate	21.88	149	2733514	47.595	ng		99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3647271	54.607	ng		97
88) Benzo(b)fluoranthene	22.63	252	2814269	47.545	ng		100
89) Benzo(k)fluoranthene	22.67	252	2703892	48.966	ng		98
90) Benzo(a)pyrene	23.19	252	2633039	48.475	ng		98
91) Dibenzo(a,h)anthracene	25.51	278	2942689	53.918	ng		98
92) Benzo(g,h,i)perylene	26.17	276	3132913	57.397	ng		97

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

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