Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002501.D
Acq On : 23 Jun 2020 14:09
Operator : CG/JU
Sample : L3079-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : JFK-SB-01-0.0-72.0MS

Quant Time: Jun 23 15:02:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	149604	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	561739	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	309638	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	635129	20.00	ng		0.00
76) Chrysene-d12	21.10	240	616936	20.00	ng		0.00
86) Perylene-d12	23.30	264	715234	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1054955	130.48	ng		0.00
7) Phenol-d6	6.78	99	1321915	122.81	ng		0.00
23) Nitrobenzene-d5	8.73	82	874761	93.00	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	389225	131.29	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1675576	90.99	ng		0.00
79) Terphenyl-d14	19.58	244	2291167	100.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	182764	49.075	ng		100
3) Pyridine	3.54	79	490129	48.422	ng		98
4) n-Nitrosodimethylamine	3.46	42	223966	53.692	ng		97
6) Aniline	6.92	93	368277	25.157	ng		99
8) 2-Chlorophenol	7.16	128	450214	49.525	ng		96
9) Benzaldehyde	6.73	77	228257	40.137	ng		98
10) Phenol	6.80	94	575976	49.336	ng		98
11) bis(2-Chloroethyl)ether	7.02	93	459965	47.189	ng		98
12) 1,3-Dichlorobenzene	7.48	146	503052	48.057	ng		98
13) 1,4-Dichlorobenzene	7.62	146	506829	48.124	ng		97
14) 1,2-Dichlorobenzene	7.93	146	477550	47.335	ng		100
15) Benzyl Alcohol	7.83	79	384510	46.088	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.12	45	633525	45.808	ng		99
17) 2-Methylphenol	8.04	107	374564	43.907	ng		98
18) Hexachloroethane	8.66	117	190076	49.540	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	332895	46.267	ng		99
20) 3+4-Methylphenols	8.36	107	498603	43.307	ng		97
22) Acetophenone	8.40	105	628522	49.802	ng	#	97
24) Nitrobenzene	8.78	77	522270	51.652	ng		98
25) Isophorone	9.30	82	917813	47.908	ng		100
26) 2-Nitrophenol	9.48	139	234480	52.041	ng		95
27) 2,4-Dimethylphenol	9.56	122	372156	52.651	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	578733	50.717	ng		99
29) 2,4-Dichlorophenol	10.02	162	397140	49.912	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	443609	50.016	ng		98
31) Naphthalene	10.41	128	1299423	49.792	ng		100
32) Benzoic acid	9.71	122	233627	40.849	ng		96
33) 4-Chloroaniline	10.52	127	149207	13.096	ng		98
34) Hexachlorobutadiene	10.71	225	257651	49.780	ng		97
35) Caprolactam	11.28	113	125245	44.629	ng		96
36) 4-Chloro-3-methylphenol	11.67	107	415287	48.238	ng		99
37) 2-Methylnaphthalene	12.03	142	907269	48.980	ng		99
38) 1-Methylnaphthalene	12.25	142	850015	48.891	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	428473	52.495	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	470302	108.380 ng	99
43) 2,4,6-Trichlorophenol	12.66	196	297229	51.455 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	323348	48.340 ng	99
46) 1,1'-Biphenyl	13.06	154	1085111	53.472 ng	99
47) 2-Chloronaphthalene	13.10	162	849490	51.176 ng	99
48) 2-Nitroaniline	13.30	65	274113	51.729 ng	97
49) Acenaphthylene	13.95	152	1335966	50.425 ng	99
50) Dimethylphthalate	13.70	163	1224559	57.718 ng	100
51) 2,6-Dinitrotoluene	13.81	165	228072	49.499 ng	92
52) Acenaphthene	14.30	154	795583	51.260 ng	100
53) 3-Nitroaniline	14.14	138	105088	19.974 ng	97
54) 2,4-Dinitrophenol	14.35	184	220853	81.266 ng	96
55) Dibenzofuran	14.64	168	1246935	49.900 ng	99
56) 4-Nitrophenol	14.47	139	391703	93.769 ng	93
57) 2,4-Dinitrotoluene	14.61	165	302329	48.205 ng	97
58) Fluorene	15.29	166	932818	47.460 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.87	232	271548	51.141 ng	100
60) Diethylphthalate	15.08	149	994459	46.780 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	465058	49.960 ng	99
62) 4-Nitroaniline	15.31	138	222284	43.971 ng	95
63) Azobenzene	15.59	77	1082442	51.153 ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	164073	48.955 ng	96
66) n-Nitrosodiphenylamine	15.51	169	852986	52.573 ng	98
67) 4-Bromophenyl-phenylether	16.19	248	298456	49.605 ng	97
68) Hexachlorobenzene	16.31	284	325881	51.043 ng	99
69) Atrazine	16.47	200	277471	52.424 ng	99
70) Pentachlorophenol	16.65	266	392803	102.836 ng	100
71) Phenanthrene	17.03	178	1592175	53.590 ng	100
72) Anthracene	17.13	178	1584174	53.675 ng	98
73) Carbazole	17.40	167	1447440	49.853 ng	99
74) Di-n-butylphthalate	17.98	149	1755372	51.088 ng	99
75) Fluoranthene	19.02	202	1997878	56.336 ng	98
77) Benzidine	19.20	184	785746	56.998 ng	99
78) Pyrene	19.37	202	1992509	52.727 ng	98
80) Butylbenzylphthalate	20.27	149	820202	48.826 ng	99
81) Benzo(a)anthracene	21.09	228	1853144	52.624 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	398112	30.420 ng	99
83) Chrysene	21.14	228	1760166	52.757 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1202088	49.194 ng	99
85) Di-n-octyl phthalate	21.90	149	2139478	49.919 ng	100
87) Indeno(1,2,3-cd)pyrene	25.53	276	2394374	53.523 ng	99
88) Benzo(b)fluoranthene	22.65	252	2069198	53.647 ng	100
89) Benzo(k)fluoranthene	22.69	252	1833712	50.036 ng	98
90) Benzo(a)pyrene	23.21	252	1867298	51.661 ng	99
91) Dibenzo(a,h)anthracene	25.54	278	1929367	53.766 ng	99
92) Benzo(g,h,i)perylene	26.20	276	2017518	54.284 ng	97

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

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