Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
Data File : BP002488.D
Acq On : 22 Jun 2020 19:48
Operator : CG/JU
Sample : L3079-08MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jun 23 00:54:43 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	136456	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	563066	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	353759	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	764027	20.00	ng		0.00
76) Chrysene-d12	21.10	240	717459	20.00	ng		0.00
86) Perylene-d12	23.30	264	789263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	936085	126.94	ng		0.00
7) Phenol-d6	6.78	99	1249452	127.26	ng		0.00
23) Nitrobenzene-d5	8.73	82	810105	85.92	ng		0.00
42) 2,4,6-Tribromophenol	15.74	330	424214	125.25	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1717253	81.62	ng		0.00
79) Terphenyl-d14	19.58	244	2550164	94.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	161268	47.475	ng		98
3) Pyridine	3.53	79	448866	48.618	ng		96
4) n-Nitrosodimethylamine	3.46	42	201788	53.036	ng		100
6) Aniline	6.92	93	388347	29.084	ng		99
8) 2-Chlorophenol	7.16	128	437043	52.709	ng		97
9) Benzaldehyde	6.73	77	216730	42.501	ng		97
10) Phenol	6.80	94	580456	54.510	ng		98
11) bis(2-Chloroethyl)ether	7.02	93	433318	48.739	ng		98
12) 1,3-Dichlorobenzene	7.48	146	464068	48.604	ng		98
13) 1,4-Dichlorobenzene	7.62	146	466208	48.532	ng		99
14) 1,2-Dichlorobenzene	7.93	146	444228	48.275	ng		99
15) Benzyl Alcohol	7.83	79	393207	51.671	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.13	45	595026	47.169	ng		100
17) 2-Methylphenol	8.04	107	377797	48.554	ng		97
18) Hexachloroethane	8.66	117	174293	49.804	ng		99
19) n-Nitroso-di-n-propylamine	8.39	70	336605	51.291	ng		99
20) 3+4-Methylphenols	8.37	107	520598	49.575	ng		95
22) Acetophenone	8.40	105	627460	49.601	ng	#	97
24) Nitrobenzene	8.77	77	518255	51.134	ng		99
25) Isophorone	9.30	82	961307	50.060	ng		100
26) 2-Nitrophenol	9.48	139	239145	52.951	ng		98
27) 2,4-Dimethylphenol	9.56	122	401635	56.687	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	590084	51.590	ng		99
29) 2,4-Dichlorophenol	10.02	162	425159	53.308	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	432759	48.678	ng		98
31) Naphthalene	10.41	128	1292948	49.427	ng		100
32) Benzoic acid	9.72	122	272633	46.802	ng		99
33) 4-Chloroaniline	10.52	127	197276	17.275	ng		99
34) Hexachlorobutadiene	10.71	225	248557	47.910	ng		96
35) Caprolactam	11.29	113	151950	54.018	ng		97
36) 4-Chloro-3-methylphenol	11.67	107	477452	55.328	ng		100
37) 2-Methylnaphthalene	12.03	142	947267	51.019	ng		98
38) 1-Methylnaphthalene	12.25	142	902979	51.815	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	464391	49.799	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	488242	98.482 ng	95
43) 2,4,6-Trichlorophenol	12.66	196	338623	51.309 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	368257	48.188 ng	99
46) 1,1'-Biphenyl	13.06	154	1178864	50.847 ng	98
47) 2-Chloronaphthalene	13.10	162	922961	48.667 ng	99
48) 2-Nitroaniline	13.30	65	322002	53.188 ng	97
49) Acenaphthylene	13.95	152	1493616	49.344 ng	100
50) Dimethylphthalate	13.70	163	1389175	57.310 ng	99
51) 2,6-Dinitrotoluene	13.82	165	266454	50.617 ng	97
52) Acenaphthene	14.30	154	885767	49.953 ng	99
53) 3-Nitroaniline	14.14	138	140544	23.381 ng	97
54) 2,4-Dinitrophenol	14.36	184	298039	95.485 ng	97
55) Dibenzofuran	14.64	168	1409817	49.382 ng	100
56) 4-Nitrophenol	14.47	139	476928	99.931 ng	93
57) 2,4-Dinitrotoluene	14.61	165	363378	50.713 ng	95
58) Fluorene	15.29	166	1061373	47.266 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.87	232	317727	52.375 ng	100
60) Diethylphthalate	15.08	149	1176763	48.451 ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	532412	50.097 ng	99
62) 4-Nitroaniline	15.32	138	273054	47.278 ng	97
63) Azobenzene	15.59	77	1255282	51.923 ng	97
65) 4,6-Dinitro-2-methylphenol	15.39	198	215867	53.542 ng	99
66) n-Nitrosodiphenylamine	15.51	169	1001528	51.314 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	352030	48.638 ng	98
68) Hexachlorobenzene	16.31	284	389335	50.693 ng	99
69) Atrazine	16.47	200	338298	53.133 ng	99
70) Pentachlorophenol	16.66	266	468729	102.010 ng	99
71) Phenanthrene	17.04	178	1876915	52.516 ng	99
72) Anthracene	17.13	178	1866506	52.572 ng	99
73) Carbazole	17.40	167	1729972	49.532 ng	99
74) Di-n-butylphthalate	17.98	149	2125147	51.416 ng	100
75) Fluoranthene	19.02	202	2347285	55.022 ng	99
77) Benzidine	19.20	184	1131569	70.583 ng	99
78) Pyrene	19.37	202	2344134	53.340 ng	99
80) Butylbenzylphthalate	20.27	149	988752	50.613 ng	98
81) Benzo(a)anthracene	21.09	228	2112218	51.577 ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	470830	30.936 ng	99
83) Chrysene	21.14	228	2046764	52.752 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1426718	50.206 ng	99
85) Di-n-octyl phthalate	21.90	149	2504105	50.240 ng	100
87) Indeno(1,2,3-cd)pyrene	25.52	276	2570282	52.066 ng	99
88) Benzo(b)fluoranthene	22.64	252	2325673	54.641 ng	98
89) Benzo(k)fluoranthene	22.69	252	2047908	50.640 ng	99
90) Benzo(a)pyrene	23.21	252	2066112	51.800 ng	99
91) Dibenzo(a,h)anthracene	25.54	278	2041107	51.545 ng	99
92) Benzo(g,h,i)perylene	26.20	276	2139570	52.168 ng	97

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

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