Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002577.D
Acq On : 30 Jun 2020 16:20
Operator : CG/JU
Sample : L3153-25MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SP2-FMSD

Quant Time: Jun 30 17:56:09 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	7.57	152	30539	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	154811	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	134810	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	390181	20.00	ng		0.00
76) Chrysene-d12	21.09	240	529418	20.00	ng		0.00
86) Perylene-d12	23.29	264	673073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	322532	178.82	ng		0.00
7) Phenol-d6	6.76	99	493672	196.09	ng		0.00
23) Nitrobenzene-d5	8.71	82	301526	100.36	ng		-0.01
42) 2,4,6-Tribromophenol	15.72	330	302949	184.76	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	831160	90.74	ng		0.00
79) Terphenyl-d14	19.57	244	2231293	90.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	28328	36.644	ng		96
3) Pyridine	3.52	79	99709	43.518	ng		98
4) n-Nitrosodimethylamine	3.44	42	47164	48.494	ng	#	99
6) Aniline	6.90	93	142734	45.131	ng		98
8) 2-Chlorophenol	7.14	128	124061	61.918	ng		98
9) Benzaldehyde	6.72	77	46209	33.980	ng		100
10) Phenol	6.79	94	179360	70.648	ng		98
11) bis(2-Chloroethyl)ether	7.00	93	110198	52.885	ng		99
12) 1,3-Dichlorobenzene	7.46	146	108933	47.116	ng		99
13) 1,4-Dichlorobenzene	7.60	146	111996	47.548	ng		98
14) 1,2-Dichlorobenzene	7.92	146	110963	48.941	ng		99
15) Benzyl Alcohol	7.81	79	119701	63.277	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.11	45	141523	48.748	ng		96
17) 2-Methylphenol	8.02	107	119632	62.955	ng		99
18) Hexachloroethane	8.64	117	37521	44.136	ng		98
19) n-Nitroso-di-n-propylamine	8.37	70	99430	60.196	ng		99
20) 3+4-Methylphenols	8.35	107	168413	65.736	ng		99
22) Acetophenone	8.39	105	189058	48.249	ng	#	98
24) Nitrobenzene	8.76	77	150051	47.182	ng		99
25) Isophorone	9.28	82	307103	50.997	ng		100
26) 2-Nitrophenol	9.46	139	72409	49.923	ng		98
27) 2,4-Dimethylphenol	9.55	122	134491	61.194	ng		96
28) bis(2-Chloroethoxy)methane	9.77	93	172637	49.907	ng		100
29) 2,4-Dichlorophenol	10.00	162	148121	58.479	ng		98
30) 1,2,4-Trichlorobenzene	10.21	180	128288	44.989	ng		98
31) Naphthalene	10.39	128	401060	48.938	ng		99
32) Benzoic acid	9.68	122	119126	65.203	ng		98
33) 4-Chloroaniline	10.51	127	144258	40.242	ng		98
34) Hexachlorobutadiene	10.69	225	67275	38.544	ng		98
35) Caprolactam	11.26	113	70178	82.423	ng		99
36) 4-Chloro-3-methylphenol	11.65	107	190429	68.595	ng		100
37) 2-Methylnaphthalene	12.02	142	332866	55.705	ng		99
38) 1-Methylnaphthalene	12.23	142	318339	56.566	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	170332	40.464	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	91959	43.939 ng	97
43) 2,4,6-Trichlorophenol	12.65	196	138836	48.744 ng	96
44) 2,4,5-Trichlorophenol	12.72	196	162695	49.621 ng	98
46) 1,1'-Biphenyl	13.05	154	453990	44.520 ng	98
47) 2-Chloronaphthalene	13.08	162	367826	44.312 ng	98
48) 2-Nitroaniline	13.29	65	145770	55.046 ng	97
49) Acenaphthylene	13.93	152	650591	49.800 ng	99
50) Dimethylphthalate	13.69	163	717662	67.779 ng	100
51) 2,6-Dinitrotoluene	13.80	165	124136	54.284 ng	98
52) Acenaphthene	14.29	154	381080	49.441 ng	98
53) 3-Nitroaniline	14.13	138	108360	43.519 ng	98
54) 2,4-Dinitrophenol	14.35	184	160290	110.007 ng	96
55) Dibenzofuran	14.62	168	647213	51.815 ng	99
56) 4-Nitrophenol	14.46	139	268926	135.087 ng	99
57) 2,4-Dinitrotoluene	14.60	165	187196	60.853 ng	98
58) Fluorene	15.28	166	529344	55.644 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	161551	60.994 ng	99
60) Diethylphthalate	15.07	149	578977	54.990 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	259216	50.810 ng	97
62) 4-Nitroaniline	15.30	138	159815	64.218 ng	100
63) Azobenzene	15.57	77	565002	55.499 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	121309	48.287 ng	96
66) n-Nitrosodiphenylamine	15.49	169	507820	44.584 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	179168	40.863 ng	97
68) Hexachlorobenzene	16.29	284	209431	44.585 ng	97
69) Atrazine	16.46	200	196500	53.764 ng	98
70) Pentachlorophenol	16.64	266	271213	100.330 ng	96
71) Phenanthrene	17.02	178	1061239	50.551 ng	100
72) Anthracene	17.11	178	1085724	51.972 ng	99
73) Carbazole	17.39	167	1105962	54.779 ng	98
74) Di-n-butylphthalate	17.97	149	1231148	51.779 ng	99
75) Fluoranthene	19.01	202	1513503	59.560 ng	99
78) Pyrene	19.36	202	1565383	43.440 ng	100
80) Butylbenzylphthalate	20.26	149	705016	44.814 ng	97
81) Benzo(a)anthracene	21.07	228	1662411	48.030 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	547820	43.232 ng	96
83) Chrysene	21.13	228	1603558	48.315 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	1020499	45.173 ng	100
85) Di-n-octyl phthalate	21.89	149	1954718	48.990 ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2714560	56.014 ng	100
88) Benzo(b)fluoranthene	22.63	252	2024080	47.128 ng	99
89) Benzo(k)fluoranthene	22.67	252	1922703	47.988 ng	99
90) Benzo(a)pyrene	23.19	252	1911148	48.491 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	2194249	55.410 ng	98
92) Benzo(g,h,i)perylene	26.18	276	2345163	59.214 ng	97

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

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