Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002679.D
Acq On : 08 Jul 2020 17:27
Operator : CG/JU
Sample : L3203-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : RO-24MSD

Quant Time: Jul 09 07:50:43 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	125761	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	586254	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	406739	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	978762	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1053452	20.00	ng	0.00
86) Perylene-d12	23.29	264	1179186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	993668	133.78	ng	0.00
7) Phenol-d6	6.77	99	1458503	140.68	ng	0.00
23) Nitrobenzene-d5	8.71	82	868707	76.35	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	570997	115.42	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1966670	71.17	ng	0.00
79) Terphenyl-d14	19.57	244	3327962	68.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	107120	33.648	ng	99
3) Pyridine	3.52	79	394420	41.803	ng	98
4) n-Nitrosodimethylamine	3.43	42	168778	42.140	ng	92
6) Aniline	6.90	93	558656	42.895	ng	98
8) 2-Chlorophenol	7.14	128	463022	56.117	ng	97
9) Benzaldehyde	6.71	77	145177	24.573	ng	99
10) Phenol	6.80	94	649950	62.168	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	416471	48.535	ng	97
12) 1,3-Dichlorobenzene	7.46	146	414479	43.533	ng	100
13) 1,4-Dichlorobenzene	7.60	146	422265	43.533	ng	99
14) 1,2-Dichlorobenzene	7.92	146	415913	44.545	ng	100
15) Benzyl Alcohol	7.81	79	408390	52.424	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	566134	47.354	ng	99
17) 2-Methylphenol	8.03	107	417150	53.307	ng	97
18) Hexachloroethane	8.63	117	145714	41.623	ng	99
19) n-Nitroso-di-n-propylamine	8.37	70	322906	47.471	ng	97
20) 3+4-Methylphenols	8.36	107	567279	53.769	ng	97
22) Acetophenone	8.38	105	638115	43.004	ng	98
24) Nitrobenzene	8.75	77	523648	43.481	ng	100
25) Isophorone	9.28	82	975242	42.765	ng	99
26) 2-Nitrophenol	9.46	139	249760	45.472	ng	97
27) 2,4-Dimethylphenol	9.55	122	442996	53.227	ng	97
28) bis(2-Chloroethoxy)methane	9.76	93	598992	45.726	ng	100
29) 2,4-Dichlorophenol	10.00	162	499703	52.097	ng	97
30) 1,2,4-Trichlorobenzene	10.21	180	440744	40.815	ng	100
31) Naphthalene	10.39	128	1358233	43.765	ng	100
32) Benzoic acid	9.72	122	350211	52.564	ng	99
33) 4-Chloroaniline	10.50	127	493069	36.322	ng	100
34) Hexachlorobutadiene	10.69	225	235953	35.698	ng	98
35) Caprolactam	11.28	113	196699	61.005	ng	96
36) 4-Chloro-3-methylphenol	11.66	107	575055	54.700	ng	98
37) 2-Methylnaphthalene	12.01	142	1027055	45.388	ng	97
38) 1-Methylnaphthalene	12.23	142	965413	45.300	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	512258	40.334	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	148196	25.510 ng	96
43) 2,4,6-Trichlorophenol	12.65	196	403019	46.898 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	469635	47.474 ng	98
46) 1,1'-Biphenyl	13.05	154	1295211	42.097 ng	99
47) 2-Chloronaphthalene	13.08	162	1046834	41.798 ng	98
48) 2-Nitroaniline	13.29	65	393903	49.300 ng	94
49) Acenaphthylene	13.93	152	1764175	44.758 ng	99
50) Dimethylphthalate	13.69	163	1653002	51.744 ng	100
51) 2,6-Dinitrotoluene	13.80	165	316547	45.880 ng	97
52) Acenaphthene	14.28	154	1028440	44.224 ng	98
53) 3-Nitroaniline	14.13	138	314015	41.799 ng	98
54) 2,4-Dinitrophenol	14.35	184	150617	38.398 ng	92
55) Dibenzofuran	14.62	168	1669075	44.288 ng	98
56) 4-Nitrophenol	14.48	139	670985	112.134 ng	93
57) 2,4-Dinitrotoluene	14.60	165	447975	48.267 ng	98
58) Fluorene	15.27	166	1276460	44.473 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	413894	51.793 ng	99
60) Diethylphthalate	15.06	149	1338578	42.138 ng	100
61) 4-Chlorophenyl-phenylether	15.27	204	620326	40.301 ng	95
62) 4-Nitroaniline	15.30	138	384270	51.178 ng	90
63) Azobenzene	15.57	77	1441839	46.941 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	155961	26.069 ng	96
66) n-Nitrosodiphenylamine	15.49	169	1219625	42.685 ng	98
67) 4-Bromophenyl-phenylether	16.17	248	435689	39.612 ng	94
68) Hexachlorobenzene	16.29	284	483583	41.040 ng	100
69) Atrazine	16.46	200	409887	44.708 ng	98
70) Pentachlorophenol	16.65	266	634693	93.778 ng	99
71) Phenanthrene	17.02	178	2329637	44.238 ng	98
72) Anthracene	17.11	178	2381507	45.445 ng	99
73) Carbazole	17.39	167	2367505	46.747 ng	99
74) Di-n-butylphthalate	17.96	149	2508928	42.065 ng	99
75) Fluoranthene	19.01	202	3069582	48.155 ng	97
78) Pyrene	19.36	202	3147555	43.896 ng	99
80) Butylbenzylphthalate	20.25	149	1312953	41.942 ng	100
81) Benzo(a)anthracene	21.07	228	3061364	44.451 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	1115363	44.235 ng	98
83) Chrysene	21.13	228	2849050	43.140 ng	97
84) Bis(2-ethylhexyl)phthalate	21.02	149	1689057	37.575 ng	98
85) Di-n-octyl phthalate	21.89	149	3412693	42.983 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	3542552	41.724 ng	97
88) Benzo(b)fluoranthene	22.63	252	3504948	46.582 ng	97
89) Benzo(k)fluoranthene	22.67	252	3261978	46.471 ng	99
90) Benzo(a)pyrene	23.19	252	3204512	46.410 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	2869007	41.353 ng	98
92) Benzo(g,h,i)perylene	26.17	276	2950227	42.520 ng	97

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

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