Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002608.D
Acq On : 01 Jul 2020 17:23
Operator : CG/JU
Sample : L3160-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MUDDY-DRUMMSD

Quant Time: Jul 02 07:47:36 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	277177	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1021386	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	546447	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1010786	20.00	ng	0.00
76) Chrysene-d12	21.09	240	748057	20.00	ng	0.00
86) Perylene-d12	23.28	264	706493	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1927020	117.71	ng	0.00
7) Phenol-d6	6.78	99	2505676	109.66	ng	0.00
23) Nitrobenzene-d5	8.72	82	1607737	81.10	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	647327	97.40	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	2876172	77.47	ng	0.00
79) Terphenyl-d14	19.57	244	3216272	92.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	318531	45.398	ng	99
3) Pyridine	3.52	79	922196	44.346	ng	100
4) n-Nitrosodimethylamine	3.45	42	408459	46.272	ng	86
6) Aniline	6.90	93	1127798	39.290	ng	98
8) 2-Chlorophenol	7.15	128	886891	48.770	ng	98
9) Benzaldehyde	6.72	77	374696	29.609	ng	96
10) Phenol	6.80	94	1145332	49.705	ng	94
11) bis(2-Chloroethyl)ether	7.00	93	895029	47.325	ng	97
12) 1,3-Dichlorobenzene	7.46	146	959354	45.718	ng	99
13) 1,4-Dichlorobenzene	7.60	146	967120	45.238	ng	100
14) 1,2-Dichlorobenzene	7.92	146	899027	43.688	ng	99
15) Benzyl Alcohol	7.82	79	741566	43.191	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.10	45	1222727	46.404	ng	99
17) 2-Methylphenol	8.03	107	719034	41.690	ng	98
18) Hexachloroethane	8.64	117	357515	46.335	ng	97
19) n-Nitroso-di-n-propylamine	8.38	70	607594	40.528	ng	97
20) 3+4-Methylphenols	8.36	107	953537	41.007	ng	98
22) Acetophenone	8.39	105	1171639	45.321	ng	98
24) Nitrobenzene	8.76	77	974828	46.460	ng	99
25) Isophorone	9.28	82	1715301	43.173	ng	99
26) 2-Nitrophenol	9.46	139	470550	49.173	ng	98
27) 2,4-Dimethylphenol	9.55	122	732136	50.492	ng	97
28) bis(2-Chloroethoxy)methane	9.77	93	1106691	48.491	ng	99
29) 2,4-Dichlorophenol	10.00	162	768417	45.982	ng	99
30) 1,2,4-Trichlorobenzene	10.21	180	848086	45.078	ng	99
31) Naphthalene	10.39	128	3391452	62.724	ng	98
32) Benzoic acid	9.72	122	385417	36.408	ng	99
33) 4-Chloroaniline	10.50	127	446918	18.897	ng	99
34) Hexachlorobutadiene	10.69	225	483375	41.976	ng	98
35) Caprolactam	11.28	113	232082	41.314	ng	95
36) 4-Chloro-3-methylphenol	11.66	107	781746	42.681	ng	98
37) 2-Methylnaphthalene	12.02	142	1724434	43.741	ng	98
38) 1-Methylnaphthalene	12.23	142	1596848	43.007	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	793544	46.507	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	865223	96.200 ng	98
43) 2,4,6-Trichlorophenol	12.65	196	551404	47.760 ng	99
44) 2,4,5-Trichlorophenol	12.72	196	587284	44.189 ng	98
46) 1,1'-Biphenyl	13.05	154	1939242	46.915 ng	99
47) 2-Chloronaphthalene	13.08	162	1541938	45.826 ng	97
48) 2-Nitroaniline	13.29	65	490436	45.689 ng	95
49) Acenaphthylene	13.93	152	2400297	45.328 ng	99
50) Dimethylphthalate	13.69	163	2155051	50.212 ng	100
51) 2,6-Dinitrotoluene	13.80	165	409104	44.135 ng	98
52) Acenaphthene	14.29	154	1416876	45.350 ng	99
53) 3-Nitroaniline	14.13	138	238242	23.605 ng	100
54) 2,4-Dinitrophenol	14.35	184	432539	75.243 ng	92
55) Dibenzofuran	14.62	168	2203294	43.516 ng	99
56) 4-Nitrophenol	14.47	139	637211	79.978 ng	95
57) 2,4-Dinitrotoluene	14.60	165	525946	42.180 ng	97
58) Fluorene	15.28	166	1543828	40.036 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.86	232	469313	43.713 ng	99
60) Diethylphthalate	15.07	149	1653280	38.739 ng	99
61) 4-Chlorophenyl-phenylether	15.28	204	792728	38.334 ng	95
62) 4-Nitroaniline	15.30	138	380213	37.691 ng	92
63) Azobenzene	15.57	77	1797021	43.547 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	304729	46.905 ng	95
66) n-Nitrosodiphenylamine	15.50	169	1470619	49.839 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	523934	46.126 ng	98
68) Hexachlorobenzene	16.29	284	561648	46.155 ng	97
69) Atrazine	16.46	200	450393	47.570 ng	98
70) Pentachlorophenol	16.64	266	613242	87.909 ng	98
71) Phenanthrene	17.02	178	2483730	45.670 ng	99
72) Anthracene	17.12	178	2530874	46.766 ng	99
73) Carbazole	17.39	167	2253182	43.080 ng	99
74) Di-n-butylphthalate	17.97	149	2640713	42.872 ng	99
75) Fluoranthene	19.00	202	2730600	41.480 ng	97
78) Pyrene	19.36	202	2698669	53.000 ng	100
80) Butylbenzylphthalate	20.25	149	1042232	46.886 ng	98
81) Benzo(a)anthracene	21.07	228	2248225	45.971 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	519429	29.011 ng	95
83) Chrysene	21.12	228	2110321	45.000 ng	97
84) Bis(2-ethylhexyl)phthalate	21.03	149	1436705	45.009 ng	99
85) Di-n-octyl phthalate	21.89	149	2335619	41.427 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2774455	54.541 ng	98
88) Benzo(b)fluoranthene	22.63	252	2224674	49.349 ng	98
89) Benzo(k)fluoranthene	22.67	252	2034530	48.377 ng	97
90) Benzo(a)pyrene	23.19	252	2017824	48.776 ng	98
91) Dibenzo(a,h)anthracene	25.51	278	2277519	54.792 ng	98
92) Benzo(g,h,i)perylene	26.17	276	2319882	55.805 ng	98

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

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