Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003058.D
Acq On : 20 Aug 2020 10:43
Operator : CG/JU
Sample : PB130977BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB130977BS

Quant Time: Aug 20 11:59:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	325933	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1141456	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	695678	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1154745	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1057075	20.00	ng	0.00
86) Perylene-d12	23.41	264	1169629	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1920388	90.18	ng	0.00
7) Phenol-d6	6.87	99	2171621	73.45	ng	0.00
23) Nitrobenzene-d5	8.83	82	1259189	59.75	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	865261	100.07	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3070080	60.30	ng	-0.01
79) Terphenyl-d14	19.65	244	3327367	63.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.24	88	234161	25.615	ng	99
3) Pyridine	3.62	79	548088	21.520	ng	99
4) n-Nitrosodimethylamine	3.53	42	196624	26.282	ng	99
6) Aniline	7.01	93	926808	27.019	ng	99
8) 2-Chlorophenol	7.25	128	850785	37.469	ng	100
9) Benzaldehyde	6.82	77	433485	27.537	ng	99
10) Phenol	6.89	94	859541	28.866	ng	97
11) bis(2-Chloroethyl)ether	7.11	93	680855	29.727	ng	99
12) 1,3-Dichlorobenzene	7.58	146	940414	36.695	ng	100
13) 1,4-Dichlorobenzene	7.72	146	956712	36.932	ng	100
14) 1,2-Dichlorobenzene	8.03	146	913150	36.964	ng	100
15) Benzyl Alcohol	7.92	79	543432	27.857	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	548254	25.480	ng	99
17) 2-Methylphenol	8.13	107	624308	32.810	ng	99
18) Hexachloroethane	8.76	117	314923	34.855	ng	94
19) n-Nitroso-di-n-propylamine	8.49	70	406793	23.878	ng	99
20) 3+4-Methylphenols	8.45	107	821776	32.044	ng	99
22) Acetophenone	8.49	105	1047943	32.539	ng	98
24) Nitrobenzene	8.87	77	658025	28.760	ng	97
25) Isophorone	9.39	82	1227321	27.108	ng	100
26) 2-Nitrophenol	9.58	139	436708	45.942	ng	97
27) 2,4-Dimethylphenol	9.65	122	695257	38.561	ng	98
28) bis(2-Chloroethoxy)methane	9.88	93	837957	33.174	ng	99
29) 2,4-Dichlorophenol	10.12	162	762205	40.166	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	827789	37.317	ng	99
31) Naphthalene	10.51	128	2168600	33.188	ng	100
32) Benzoic acid	9.80	122	401780	39.508	ng	98
33) 4-Chloroaniline	10.62	127	635450	23.466	ng	100
34) Hexachlorobutadiene	10.81	225	432352	31.850	ng	99
35) Caprolactam	11.38	113	188705	32.139	ng	100
36) 4-Chloro-3-methylphenol	11.76	107	616726	31.265	ng	100
37) 2-Methylnaphthalene	12.13	142	1545711	33.256	ng	99
38) 1-Methylnaphthalene	12.35	142	1444872	33.023	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	731414	29.242	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	950369	73.243 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	493413	34.037 ng	100
44) 2,4,5-Trichlorophenol	12.82	196	525550	33.047 ng	98
46) 1,1'-Biphenyl	13.15	154	1876197	32.623 ng	99
47) 2-Chloronaphthalene	13.19	162	1443640	32.056 ng	100
48) 2-Nitroaniline	13.39	65	286287	27.349 ng	98
49) Acenaphthylene	14.04	152	2555874	36.188 ng	99
50) Dimethylphthalate	13.79	163	1732828	31.847 ng	100
51) 2,6-Dinitrotoluene	13.89	165	385931	32.464 ng	98
52) Acenaphthene	14.39	154	1500395	33.053 ng	99
53) 3-Nitroaniline	14.22	138	353652	28.861 ng	97
54) 2,4-Dinitrophenol	14.43	184	405168	78.571 ng	97
55) Dibenzofuran	14.72	168	2395553	34.404 ng	98
56) 4-Nitrophenol	14.55	139	726003	75.246 ng	96
57) 2,4-Dinitrotoluene	14.69	165	577464	36.698 ng	99
58) Fluorene	15.37	166	1766678	32.407 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	497724	37.510 ng	98
60) Diethylphthalate	15.16	149	1890370	35.555 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	888940	31.683 ng	100
62) 4-Nitroaniline	15.39	138	420950	34.078 ng	97
63) Azobenzene	15.67	77	1337370	24.986 ng	98
65) 4,6-Dinitro-2-methylphenol	15.46	198	284755	47.424 ng	95
66) n-Nitrosodiphenylamine	15.59	169	1617371	42.291 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	589078	41.931 ng	99
68) Hexachlorobenzene	16.39	284	663075	40.806 ng	99
69) Atrazine	16.55	200	429435	33.144 ng	99
70) Pentachlorophenol	16.73	266	663358	78.725 ng	100
71) Phenanthrene	17.12	178	2471862	36.505 ng	99
72) Anthracene	17.20	178	2494296	37.689 ng	99
73) Carbazole	17.47	167	2237172	34.614 ng	100
74) Di-n-butylphthalate	18.05	149	2728690	40.134 ng	99
75) Fluoranthene	19.09	202	2669642	34.219 ng	98
77) Benzidine	19.27	184	1096782	34.026 ng	100
78) Pyrene	19.45	202	2700166	36.540 ng	98
80) Butylbenzylphthalate	20.33	149	1127367	38.221 ng	97
81) Benzo(a)anthracene	21.15	228	2686250	37.307 ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	895434	31.420 ng	100
83) Chrysene	21.20	228	2515619	37.037 ng	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	1799255	43.994 ng	99
85) Di-n-octyl phthalate	21.97	149	3088958	45.977 ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	3306795	35.302 ng	98
88) Benzo(b)fluoranthene	22.74	252	2735401	33.141 ng	98
89) Benzo(k)fluoranthene	22.78	252	2728974	34.981 ng	97
90) Benzo(a)pyrene	23.32	252	2525377	33.861 ng	98
91) Dibenzo(a,h)anthracene	25.71	278	2768003	34.720 ng	99
92) Benzo(g,h,i)perylene	26.40	276	2881149	37.372 ng	98

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

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