Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002693.D
Acq On : 09 Jul 2020 12:21
Operator : CG/JU
Sample : PB129997BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129997BS

Quant Time: Jul 09 13:55:06 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	210541	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	780907	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	435418	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	845839	20.00	ng	0.00
76) Chrysene-d12	21.09	240	718739	20.00	ng	0.00
86) Perylene-d12	23.29	264	765726	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1578261	126.92	ng	0.00
7) Phenol-d6	6.78	99	1983419	114.28	ng	0.00
23) Nitrobenzene-d5	8.72	82	1268227	83.68	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	549482	103.76	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2427422	82.05	ng	0.00
79) Terphenyl-d14	19.57	244	2935951	88.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	207822	38.994	ng	99
3) Pyridine	3.52	79	585568	37.071	ng	98
4) n-Nitrosodimethylamine	3.44	42	257385	38.386	ng	86
6) Aniline	6.90	93	798788	36.635	ng	98
8) 2-Chlorophenol	7.14	128	580003	41.989	ng	97
9) Benzaldehyde	6.72	77	202271	19.916	ng	98
10) Phenol	6.80	94	733407	41.902	ng	93
11) bis(2-Chloroethyl)ether	7.00	93	594858	41.409	ng	99
12) 1,3-Dichlorobenzene	7.46	146	638113	40.033	ng	99
13) 1,4-Dichlorobenzene	7.60	146	646218	39.795	ng	99
14) 1,2-Dichlorobenzene	7.92	146	603669	38.620	ng	99
15) Benzyl Alcohol	7.81	79	478825	36.715	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	811744	40.557	ng	99
17) 2-Methylphenol	8.03	107	476570	36.377	ng	96
18) Hexachloroethane	8.63	117	234971	40.092	ng	99
19) n-Nitroso-di-n-propylamine	8.38	70	406677	35.712	ng	98
20) 3+4-Methylphenols	8.36	107	626321	35.460	ng	98
22) Acetophenone	8.38	105	784839	39.708	ng	99
24) Nitrobenzene	8.76	77	645968	40.267	ng	99
25) Isophorone	9.28	82	1161772	38.246	ng	99
26) 2-Nitrophenol	9.46	139	305612	41.772	ng	97
27) 2,4-Dimethylphenol	9.55	122	484327	43.688	ng	95
28) bis(2-Chloroethoxy)methane	9.77	93	739219	42.364	ng	99
29) 2,4-Dichlorophenol	10.00	162	512706	40.128	ng	97
30) 1,2,4-Trichlorobenzene	10.21	180	576608	40.087	ng	99
31) Naphthalene	10.39	128	1653483	39.998	ng	99
32) Benzoic acid	9.71	122	256606	32.828	ng	98
33) 4-Chloroaniline	10.50	127	456965	25.271	ng	99
34) Hexachlorobutadiene	10.69	225	332904	37.812	ng	98
35) Caprolactam	11.27	113	157611	36.698	ng	91
36) 4-Chloro-3-methylphenol	11.66	107	522454	37.309	ng	99
37) 2-Methylnaphthalene	12.02	142	1151960	38.218	ng	97
38) 1-Methylnaphthalene	12.23	142	1081581	38.100	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	567848	41.766	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	574013	80.830 ng	95
43) 2,4,6-Trichlorophenol	12.65	196	380745	41.388 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	401519	37.915 ng	97
46) 1,1'-Biphenyl	13.05	154	1376978	41.807 ng	99
47) 2-Chloronaphthalene	13.08	162	1102364	41.116 ng	96
48) 2-Nitroaniline	13.29	65	335158	39.185 ng	94
49) Acenaphthylene	13.93	152	1690970	40.075 ng	97
50) Dimethylphthalate	13.69	163	1291130	37.754 ng	100
51) 2,6-Dinitrotoluene	13.80	165	287034	38.862 ng	98
52) Acenaphthene	14.28	154	1001206	40.217 ng	98
53) 3-Nitroaniline	14.13	138	234645	29.177 ng	99
54) 2,4-Dinitrophenol	14.35	184	256918	57.618 ng	89
55) Dibenzofuran	14.62	168	1586154	39.316 ng	99
56) 4-Nitrophenol	14.48	139	435001	68.869 ng	87
57) 2,4-Dinitrotoluene	14.60	165	381406	38.388 ng	97
58) Fluorene	15.27	166	1166405	37.962 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	336975	39.390 ng	99
60) Diethylphthalate	15.06	149	1250315	36.767 ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	611679	37.122 ng	94
62) 4-Nitroaniline	15.30	138	300707	37.411 ng	89
63) Azobenzene	15.57	77	1322232	40.212 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	202201	37.754 ng	97
66) n-Nitrosodiphenylamine	15.49	169	1082245	43.830 ng	99
67) 4-Bromophenyl-phenylether	16.17	248	383118	40.307 ng	94
68) Hexachlorobenzene	16.29	284	413717	40.629 ng	99
69) Atrazine	16.46	200	339437	42.842 ng	97
70) Pentachlorophenol	16.65	266	402696	69.558 ng	98
71) Phenanthrene	17.02	178	1899491	41.738 ng	100
72) Anthracene	17.11	178	1928250	42.579 ng	100
73) Carbazole	17.39	167	1750263	39.990 ng	98
74) Di-n-butylphthalate	17.96	149	2044448	39.664 ng	99
75) Fluoranthene	19.01	202	2134009	38.739 ng	99
77) Benzidine	19.19	184	1109385	Below Cal	99
78) Pyrene	19.36	202	2174808	44.454 ng	99
80) Butylbenzylphthalate	20.25	149	899950	42.136 ng	98
81) Benzo(a)anthracene	21.07	228	1934533	41.170 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	630892	36.673 ng	95
83) Chrysene	21.13	228	1887025	41.880 ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1258605	41.038 ng	98
85) Di-n-octyl phthalate	21.89	149	2229422	41.157 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2540331	46.076 ng	97
88) Benzo(b)fluoranthene	22.63	252	2040611	41.764 ng	99
89) Benzo(k)fluoranthene	22.67	252	1951979	42.824 ng	97
90) Benzo(a)pyrene	23.19	252	1894848	42.260 ng	97
91) Dibenzo(a,h)anthracene	25.51	278	2119357	47.043 ng	98
92) Benzo(g,h,i)perylene	26.17	276	2132197	47.323 ng	97

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

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