Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003225.D
Acq On : 08 Sep 2020 13:50
Operator : CG/JU
Sample : PB131433BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131433BSD

Quant Time: Sep 08 14:21:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	210511	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	803255	20.00	ng		0.00
39) Acenaphthene-d10	14.30	164	453456	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	902663	20.00	ng		0.00
76) Chrysene-d12	21.14	240	810209	20.00	ng		0.00
86) Perylene-d12	23.38	264	890351	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1106248	92.91	ng		0.00
7) Phenol-d6	6.84	99	1290539	86.46	ng		0.00
23) Nitrobenzene-d5	8.80	82	1101108	98.82	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	532024	86.75	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	2898950	93.62	ng		0.00
79) Terphenyl-d14	19.63	244	3750846	101.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	181278	39.824	ng		99
3) Pyridine	3.58	79	356866	29.790	ng		100
4) n-Nitrosodimethylamine	3.49	42	137592	43.984	ng		98
6) Aniline	6.98	93	593517	36.523	ng		98
8) 2-Chlorophenol	7.22	128	578715	43.598	ng		99
9) Benzaldehyde	6.79	77	96199	13.824	ng		96
10) Phenol	6.87	94	604138	43.677	ng		98
11) bis(2-Chloroethyl)ether	7.08	93	456919	41.736	ng		99
12) 1,3-Dichlorobenzene	7.55	146	633956	39.279	ng		99
13) 1,4-Dichlorobenzene	7.69	146	640716	39.323	ng		99
14) 1,2-Dichlorobenzene	8.00	146	601631	38.947	ng		99
15) Benzyl Alcohol	7.89	79	375288	44.626	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.19	45	391194	42.165	ng		98
17) 2-Methylphenol	8.10	107	428301	43.466	ng		99
18) Hexachloroethane	8.72	117	213314	40.018	ng		96
19) n-Nitroso-di-n-propylamine	8.46	70	293062	43.459	ng		99
20) 3+4-Methylphenols	8.43	107	577223	43.476	ng		99
22) Acetophenone	8.47	105	708463	39.605	ng	#	99
24) Nitrobenzene	8.85	77	481885	44.032	ng		98
25) Isophorone	9.37	82	887803	45.159	ng		99
26) 2-Nitrophenol	9.55	139	308723	47.329	ng		99
27) 2,4-Dimethylphenol	9.63	122	469043	47.833	ng		99
28) bis(2-Chloroethoxy)methane	9.85	93	582256	39.764	ng		99
29) 2,4-Dichlorophenol	10.09	162	523659	43.044	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	568023	39.214	ng		99
31) Naphthalene	10.48	128	1683331	40.789	ng		100
32) Benzoic acid	9.79	122	229893	33.623	ng		98
33) 4-Chloroaniline	10.59	127	534471	30.996	ng		99
34) Hexachlorobutadiene	10.78	225	335888	38.637	ng		98
35) Caprolactam	11.36	113	154255	42.194	ng		92
36) 4-Chloro-3-methylphenol	11.74	107	505672	44.517	ng		99
37) 2-Methylnaphthalene	12.10	142	1206116	40.855	ng		100
38) 1-Methylnaphthalene	12.32	142	1142065	40.701	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	573464	42.668	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	453188	71.331 ng	100
43) 2,4,6-Trichlorophenol	12.73	196	388904	44.007 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	413145	44.197 ng	97
46) 1,1'-Biphenyl	13.13	154	1444024	42.455 ng	99
47) 2-Chloronaphthalene	13.16	162	1138481	40.892 ng	99
48) 2-Nitroaniline	13.37	65	248347	47.641 ng	95
49) Acenaphthylene	14.02	152	1803507	42.839 ng	100
50) Dimethylphthalate	13.76	163	1403690	40.592 ng	99
51) 2,6-Dinitrotoluene	13.87	165	316294	44.010 ng	97
52) Acenaphthene	14.36	154	1074417	41.542 ng	99
53) 3-Nitroaniline	14.20	138	294209	36.132 ng	99
54) 2,4-Dinitrophenol	14.42	184	269147	69.665 ng	98
55) Dibenzofuran	14.70	168	1692982	41.680 ng	97
56) 4-Nitrophenol	14.53	139	497673	84.956 ng	95
57) 2,4-Dinitrotoluene	14.67	165	433303	44.840 ng	94
58) Fluorene	15.35	166	1325563	42.364 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	354099	41.869 ng	97
60) Diethylphthalate	15.13	149	1403599	41.372 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	656540	40.631 ng	100
62) 4-Nitroaniline	15.37	138	331717	39.632 ng	97
63) Azobenzene	15.65	77	1004393	44.607 ng	98
65) 4,6-Dinitro-2-methylphenol	15.45	198	216604	50.176 ng	99
66) n-Nitrosodiphenylamine	15.56	169	1177674	44.619 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	428671	43.030 ng	96
68) Hexachlorobenzene	16.37	284	492542	41.527 ng	96
69) Atrazine	16.53	200	342786	38.506 ng	99
70) Pentachlorophenol	16.72	266	474635	83.684 ng	100
71) Phenanthrene	17.09	178	2069185	42.304 ng	100
72) Anthracene	17.19	178	2100039	44.862 ng	100
73) Carbazole	17.46	167	1934151	43.052 ng	100
74) Di-n-butylphthalate	18.03	149	2298942	43.530 ng	99
75) Fluoranthene	19.07	202	2361982	41.782 ng	99
77) Benzidine	19.25	184	1071468	57.863 ng	100
78) Pyrene	19.42	202	2339620	44.492 ng	100
80) Butylbenzylphthalate	20.30	149	1022533	47.228 ng	98
81) Benzo(a)anthracene	21.13	228	2187184	43.097 ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	834795	44.718 ng	99
83) Chrysene	21.19	228	2104978	43.320 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1453283	46.479 ng	100
85) Di-n-octyl phthalate	21.94	149	2591766	48.346 ng	99
87) Indeno(1,2,3-cd)pyrene	25.67	276	3109625	46.833 ng	99
88) Benzo(b)fluoranthene	22.71	252	2443849	44.162 ng	99
89) Benzo(k)fluoranthene	22.76	252	2331617	44.099 ng	100
90) Benzo(a)pyrene	23.29	252	2267137	44.160 ng	99
91) Dibenzo(a,h)anthracene	25.68	278	2605917	47.776 ng	100
92) Benzo(g,h,i)perylene	26.37	276	2607946	47.644 ng	100

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

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