Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002694.D
Acq On : 09 Jul 2020 12:55
Operator : CG/JU
Sample : PB129999BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB129999BSD

Quant Time: Jul 09 13:56:21 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	191974	20.00	ng		0.00
21) Naphthalene-d8	10.34	136	722007	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	413100	20.00	ng		0.00
64) Phenanthrene-d10	16.98	188	829131	20.00	ng		0.00
76) Chrysene-d12	21.09	240	739074	20.00	ng		0.00
86) Perylene-d12	23.28	264	798811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1731286	152.69	ng		0.00
7) Phenol-d6	6.77	99	2210655	139.69	ng		0.00
23) Nitrobenzene-d5	8.72	82	1417217	101.14	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	635830	126.55	ng		0.00
45) 2-Fluorobiphenyl	12.83	172	2706043	96.41	ng		0.00
79) Terphenyl-d14	19.57	244	3421861	99.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	200109	41.178	ng		99
3) Pyridine	3.52	79	575597	39.964	ng		99
4) n-Nitrosodimethylamine	3.44	42	260999	42.690	ng		84
6) Aniline	6.90	93	847816	42.645	ng		99
8) 2-Chlorophenol	7.14	128	603846	47.943	ng		98
9) Benzaldehyde	6.72	77	210263	23.124	ng		98
10) Phenol	6.80	94	766477	48.027	ng		95
11) bis(2-Chloroethyl)ether	7.00	93	615651	47.001	ng		99
12) 1,3-Dichlorobenzene	7.46	146	650802	44.778	ng		100
13) 1,4-Dichlorobenzene	7.60	146	661506	44.676	ng		99
14) 1,2-Dichlorobenzene	7.92	146	618183	43.373	ng		99
15) Benzyl Alcohol	7.81	79	498848	41.950	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.10	45	844188	46.257	ng		99
17) 2-Methylphenol	8.03	107	496641	41.575	ng		97
18) Hexachloroethane	8.63	117	242207	45.323	ng		99
19) n-Nitroso-di-n-propylamine	8.37	70	429413	41.356	ng		98
20) 3+4-Methylphenols	8.36	107	656599	40.770	ng		99
22) Acetophenone	8.39	105	821564	44.957	ng	#	96
24) Nitrobenzene	8.76	77	674933	45.505	ng		98
25) Isophorone	9.28	82	1221613	43.497	ng		98
26) 2-Nitrophenol	9.46	139	320800	47.425	ng		97
27) 2,4-Dimethylphenol	9.55	122	512231	49.974	ng		96
28) bis(2-Chloroethoxy)methane	9.77	93	774113	47.983	ng		99
29) 2,4-Dichlorophenol	10.00	162	550001	46.559	ng		99
30) 1,2,4-Trichlorobenzene	10.21	180	594177	44.678	ng		99
31) Naphthalene	10.39	128	1738240	45.478	ng		100
32) Benzoic acid	9.72	122	279759	37.152	ng		99
33) 4-Chloroaniline	10.50	127	522810	31.271	ng		99
34) Hexachlorobutadiene	10.69	225	345242	42.412	ng		98
35) Caprolactam	11.27	113	171809	43.267	ng		95
36) 4-Chloro-3-methylphenol	11.66	107	564044	43.565	ng		99
37) 2-Methylnaphthalene	12.02	142	1211790	43.483	ng		98
38) 1-Methylnaphthalene	12.23	142	1142641	43.535	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	591637	45.867	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	591244	87.379 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	409831	46.956 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	432077	43.005 ng	96
46) 1,1'-Biphenyl	13.05	154	1457885	46.655 ng	98
47) 2-Chloronaphthalene	13.08	162	1152311	45.301 ng	97
48) 2-Nitroaniline	13.29	65	367753	45.319 ng	96
49) Acenaphthylene	13.93	152	1827796	45.658 ng	98
50) Dimethylphthalate	13.69	163	1405359	43.314 ng	99
51) 2,6-Dinitrotoluene	13.80	165	312243	44.559 ng	99
52) Acenaphthene	14.29	154	1082305	45.824 ng	97
53) 3-Nitroaniline	14.13	138	262717	34.432 ng	97
54) 2,4-Dinitrophenol	14.35	184	299028	69.323 ng	91
55) Dibenzofuran	14.62	168	1681126	43.921 ng	98
56) 4-Nitrophenol	14.48	139	491435	81.542 ng	88
57) 2,4-Dinitrotoluene	14.60	165	423582	44.936 ng	98
58) Fluorene	15.27	166	1255536	43.070 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.86	232	369104	45.477 ng	98
60) Diethylphthalate	15.06	149	1351557	41.891 ng	100
61) 4-Chlorophenyl-phenylether	15.27	204	640733	40.986 ng	95
62) 4-Nitroaniline	15.30	138	335292	43.967 ng	88
63) Azobenzene	15.57	77	1436962	46.062 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	239310	45.022 ng	97
66) n-Nitrosodiphenylamine	15.49	169	1146962	47.387 ng	97
67) 4-Bromophenyl-phenylether	16.17	248	416149	44.664 ng	95
68) Hexachlorobenzene	16.29	284	449817	45.064 ng	98
69) Atrazine	16.46	200	364300	46.906 ng	98
70) Pentachlorophenol	16.64	266	459475	80.528 ng	98
71) Phenanthrene	17.02	178	2065396	46.298 ng	99
72) Anthracene	17.11	178	2103797	47.391 ng	98
73) Carbazole	17.39	167	1960564	45.698 ng	99
74) Di-n-butylphthalate	17.96	149	2287899	45.281 ng	99
75) Fluoranthene	19.01	202	2409863	44.628 ng	99
77) Benzidine	19.19	184	1402040	Below Cal	99
78) Pyrene	19.36	202	2425871	48.222 ng	99
80) Butylbenzylphthalate	20.25	149	1031743	46.978 ng	98
81) Benzo(a)anthracene	21.07	228	2274345	47.070 ng	99
82) 3,3'-Dichlorobenzidine	21.01	252	766909	43.353 ng	98
83) Chrysene	21.13	228	2104191	45.415 ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1413635	44.825 ng	98
85) Di-n-octyl phthalate	21.89	149	2627493	47.171 ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2980514	51.821 ng	97
88) Benzo(b)fluoranthene	22.63	252	2450064	48.067 ng	97
89) Benzo(k)fluoranthene	22.67	252	2355075	49.527 ng	98
90) Benzo(a)pyrene	23.19	252	2320509	49.610 ng	97
91) Dibenzo(a,h)anthracene	25.51	278	2437567	51.865 ng	97
92) Benzo(g,h,i)perylene	26.17	276	2502587	53.243 ng	98

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

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