Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
Data File : BP003224.D
Acq On : 08 Sep 2020 13:08
Operator : CG/JU
Sample : PB131433BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB131433BS

Quant Time: Sep 08 13:38:10 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	199950	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	763889	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	439004	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	875599	20.00	ng	0.00
76) Chrysene-d12	21.14	240	811031	20.00	ng	0.00
86) Perylene-d12	23.38	264	898343	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1038104	91.79	ng	0.00
7) Phenol-d6	6.84	99	1222205	86.21	ng	0.00
23) Nitrobenzene-d5	8.80	82	1047876	98.89	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	514483	86.65	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2766033	92.27	ng	0.00
79) Terphenyl-d14	19.62	244	3729347	101.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	170322	39.394	ng	98
3) Pyridine	3.58	79	342132	30.068	ng	99
4) n-Nitrosodimethylamine	3.49	42	130514	43.925	ng	96
6) Aniline	6.98	93	557384	36.111	ng	99
8) 2-Chlorophenol	7.22	128	550801	43.687	ng	99
9) Benzaldehyde	6.79	77	86498	13.087	ng	98
10) Phenol	6.87	94	575742	43.822	ng	99
11) bis(2-Chloroethyl)ether	7.08	93	432346	41.577	ng	99
12) 1,3-Dichlorobenzene	7.54	146	592258	38.634	ng	98
13) 1,4-Dichlorobenzene	7.69	146	603541	38.998	ng	99
14) 1,2-Dichlorobenzene	8.00	146	575461	39.220	ng	100
15) Benzyl Alcohol	7.89	79	356938	44.686	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	370041	41.992	ng	99
17) 2-Methylphenol	8.10	107	410357	43.844	ng	98
18) Hexachloroethane	8.72	117	203294	40.152	ng	96
19) n-Nitroso-di-n-propylamine	8.46	70	279800	43.684	ng	99
20) 3+4-Methylphenols	8.43	107	550840	43.681	ng	98
22) Acetophenone	8.47	105	677792	39.843	ng	99
24) Nitrobenzene	8.84	77	457527	43.961	ng	97
25) Isophorone	9.36	82	846765	45.292	ng	98
26) 2-Nitrophenol	9.55	139	291977	47.069	ng	98
27) 2,4-Dimethylphenol	9.62	122	451938	48.464	ng	99
28) bis(2-Chloroethoxy)methane	9.85	93	556540	39.967	ng	99
29) 2,4-Dichlorophenol	10.09	162	501177	43.319	ng	99
30) 1,2,4-Trichlorobenzene	10.30	180	539897	39.193	ng	98
31) Naphthalene	10.48	128	1610336	41.031	ng	100
32) Benzoic acid	9.79	122	203287	31.895	ng	96
33) 4-Chloroaniline	10.59	127	519877	31.704	ng	99
34) Hexachlorobutadiene	10.78	225	318793	38.561	ng	99
35) Caprolactam	11.36	113	149288	42.940	ng	94
36) 4-Chloro-3-methylphenol	11.74	107	481688	44.591	ng	99
37) 2-Methylnaphthalene	12.10	142	1145053	40.785	ng	100
38) 1-Methylnaphthalene	12.32	142	1080544	40.493	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	542119	41.664	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	414757	67.431 ng	100
43) 2,4,6-Trichlorophenol	12.72	196	369521	43.190 ng	99
44) 2,4,5-Trichlorophenol	12.80	196	395375	43.689 ng	98
46) 1,1'-Biphenyl	13.12	154	1400241	42.523 ng	99
47) 2-Chloronaphthalene	13.16	162	1092462	40.530 ng	99
48) 2-Nitroaniline	13.37	65	238023	47.164 ng	94
49) Acenaphthylene	14.01	152	1727003	42.372 ng	99
50) Dimethylphthalate	13.76	163	1364132	40.747 ng	100
51) 2,6-Dinitrotoluene	13.87	165	306983	44.120 ng	99
52) Acenaphthene	14.36	154	1040205	41.543 ng	99
53) 3-Nitroaniline	14.20	138	288262	36.567 ng	96
54) 2,4-Dinitrophenol	14.42	184	244175	65.770 ng	95
55) Dibenzofuran	14.70	168	1628038	41.400 ng	98
56) 4-Nitrophenol	14.53	139	483168	85.195 ng	97
57) 2,4-Dinitrotoluene	14.67	165	418504	44.734 ng	96
58) Fluorene	15.35	166	1280571	42.274 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	342652	41.849 ng	98
60) Diethylphthalate	15.13	149	1363704	41.520 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	632765	40.449 ng	98
62) 4-Nitroaniline	15.37	138	328216	40.504 ng	98
63) Azobenzene	15.64	77	978435	44.884 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	204967	48.948 ng	98
66) n-Nitrosodiphenylamine	15.56	169	1143242	44.653 ng	100
67) 4-Bromophenyl-phenylether	16.25	248	412865	42.724 ng	98
68) Hexachlorobenzene	16.36	284	482505	41.938 ng	95
69) Atrazine	16.52	200	335531	38.856 ng	99
70) Pentachlorophenol	16.71	266	458166	83.277 ng	99
71) Phenanthrene	17.09	178	2012179	42.410 ng	100
72) Anthracene	17.18	178	2047555	45.093 ng	99
73) Carbazole	17.45	167	1874524	43.014 ng	99
74) Di-n-butylphthalate	18.02	149	2273151	44.372 ng	99
75) Fluoranthene	19.07	202	2317419	42.261 ng	99
77) Benzidine	19.25	184	1040196	56.117 ng	99
78) Pyrene	19.42	202	2315217	43.984 ng	100
80) Butylbenzylphthalate	20.30	149	1016033	46.880 ng	99
81) Benzo(a)anthracene	21.13	228	2169260	42.700 ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	827164	44.265 ng	99
83) Chrysene	21.18	228	2095205	43.075 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	1433429	45.798 ng	99
85) Di-n-octyl phthalate	21.94	149	2590893	48.281 ng	99
87) Indeno(1,2,3-cd)pyrene	25.66	276	3058738	45.657 ng	99
88) Benzo(b)fluoranthene	22.71	252	2370151	42.449 ng	99
89) Benzo(k)fluoranthene	22.75	252	2390679	44.814 ng	100
90) Benzo(a)pyrene	23.29	252	2252425	43.483 ng	100
91) Dibenzo(a,h)anthracene	25.67	278	2554403	46.415 ng	100
92) Benzo(g,h,i)perylene	26.36	276	2525784	45.733 ng	100

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

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