Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091020\
Data File : BP003248.D
Acq On : 10 Sep 2020 14:25
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Sep 10 15:42:05 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	277865	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	1108980	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	685039	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	1450202	20.00	ng		0.00
76) Chrysene-d12	21.15	240	1313375	20.00	ng		0.00
86) Perylene-d12	23.39	264	1355227	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1169834	74.44	ng		0.00
7) Phenol-d6	6.84	99	1504520	76.37	ng		0.00
23) Nitrobenzene-d5	8.80	82	1215969	79.05	ng		0.00
42) 2,4,6-Tribromophenol	15.80	330	798896	86.23	ng		0.00
45) 2-Fluorobiphenyl	12.92	172	3385163	72.37	ng		0.00
79) Terphenyl-d14	19.63	244	4792378	80.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	210316	35.004	ng		99
3) Pyridine	3.58	79	582778	36.856	ng		100
4) n-Nitrosodimethylamine	3.49	42	172827	41.855	ng		96
6) Aniline	6.98	93	848204	39.544	ng		99
8) 2-Chlorophenol	7.22	128	679794	38.799	ng		100
9) Benzaldehyde	6.79	77	380502	41.426	ng		98
10) Phenol	6.87	94	702973	38.503	ng		98
11) bis(2-Chloroethyl)ether	7.08	93	562810	38.947	ng		99
12) 1,3-Dichlorobenzene	7.54	146	817720	38.384	ng		99
13) 1,4-Dichlorobenzene	7.68	146	820089	38.131	ng		99
14) 1,2-Dichlorobenzene	8.00	146	778548	38.183	ng		100
15) Benzyl Alcohol	7.89	79	485393	43.728	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.18	45	491135	40.106	ng		99
17) 2-Methylphenol	8.10	107	520008	39.981	ng		100
18) Hexachloroethane	8.72	117	283955	40.357	ng		97
19) n-Nitroso-di-n-propylamine	8.46	70	358954	40.327	ng		97
20) 3+4-Methylphenols	8.43	107	707507	40.372	ng		99
22) Acetophenone	8.46	105	914592	37.033	ng	#	98
24) Nitrobenzene	8.84	77	598334	39.600	ng		98
25) Isophorone	9.36	82	1118973	41.227	ng		100
26) 2-Nitrophenol	9.55	139	402741	44.722	ng		99
27) 2,4-Dimethylphenol	9.62	122	540801	39.947	ng		100
28) bis(2-Chloroethoxy)methane	9.85	93	776888	38.430	ng		100
29) 2,4-Dichlorophenol	10.09	162	682405	40.629	ng		98
30) 1,2,4-Trichlorobenzene	10.30	180	780871	39.047	ng		100
31) Naphthalene	10.48	128	2139738	37.555	ng		100
32) Benzoic acid	9.82	122	322076	33.986	ng		97
33) 4-Chloroaniline	10.59	127	935642	39.303	ng		99
34) Hexachlorobutadiene	10.77	225	487079	40.583	ng		98
35) Caprolactam	11.38	113	218599	43.310	ng		93
36) 4-Chloro-3-methylphenol	11.74	107	644404	41.091	ng		98
37) 2-Methylnaphthalene	12.10	142	1569071	38.497	ng		99
38) 1-Methylnaphthalene	12.32	142	1471215	37.977	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	807373	39.764	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	313170	32.629 ng	100
43) 2,4,6-Trichlorophenol	12.73	196	552110	41.355 ng	100
44) 2,4,5-Trichlorophenol	12.80	196	559614	39.628 ng	99
46) 1,1'-Biphenyl	13.12	154	1941604	37.787 ng	99
47) 2-Chloronaphthalene	13.16	162	1595081	37.924 ng	99
48) 2-Nitroaniline	13.37	65	351284	44.607 ng	99
49) Acenaphthylene	14.02	152	2461463	38.702 ng	99
50) Dimethylphthalate	13.76	163	2035881	38.971 ng	100
51) 2,6-Dinitrotoluene	13.87	165	449026	41.357 ng	100
52) Acenaphthene	14.36	154	1471943	37.672 ng	99
53) 3-Nitroaniline	14.20	138	507319	41.242 ng	98
54) 2,4-Dinitrophenol	14.42	184	194392	37.353 ng	99
55) Dibenzofuran	14.70	168	2317362	37.765 ng	98
56) 4-Nitrophenol	14.54	139	338435	38.242 ng	96
57) 2,4-Dinitrotoluene	14.67	165	618269	42.352 ng	97
58) Fluorene	15.35	166	1743238	36.879 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.93	232	502510	39.330 ng	99
60) Diethylphthalate	15.13	149	2055703	40.109 ng	100
61) 4-Chlorophenyl-phenylether	15.35	204	918820	37.640 ng	99
62) 4-Nitroaniline	15.37	138	524714	41.497 ng	95
63) Azobenzene	15.64	77	1353681	39.795 ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	307000	44.266 ng	97
66) n-Nitrosodiphenylamine	15.56	169	1639978	38.675 ng	100
67) 4-Bromophenyl-phenylether	16.24	248	655858	40.978 ng	96
68) Hexachlorobenzene	16.37	284	771605	40.493 ng	99
69) Atrazine	16.52	200	595882	41.665 ng	99
70) Pentachlorophenol	16.71	266	334902	36.753 ng	100
71) Phenanthrene	17.09	178	2918995	37.146 ng	99
72) Anthracene	17.19	178	2874722	38.224 ng	99
73) Carbazole	17.46	167	2754869	38.168 ng	99
74) Di-n-butylphthalate	18.02	149	3540017	41.722 ng	99
75) Fluoranthene	19.07	202	3389599	37.321 ng	100
77) Benzidine	19.25	184	1371040	45.675 ng	99
78) Pyrene	19.42	202	3454661	40.528 ng	99
80) Butylbenzylphthalate	20.30	149	1634346	46.567 ng	98
81) Benzo(a)anthracene	21.13	228	3179281	38.645 ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	1236046	40.846 ng	99
83) Chrysene	21.19	228	2993198	38.000 ng	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	2072440	40.888 ng	99
85) Di-n-octyl phthalate	21.94	149	3736869	43.001 ng	100
87) Indeno(1,2,3-cd)pyrene	25.67	276	3503048	34.661 ng	99
88) Benzo(b)fluoranthene	22.72	252	3213011	38.145 ng	99
89) Benzo(k)fluoranthene	22.76	252	3143605	39.061 ng	100
90) Benzo(a)pyrene	23.29	252	2988299	38.241 ng	99
91) Dibenzo(a,h)anthracene	25.68	278	2874009	34.617 ng	99
92) Benzo(g,h,i)perylene	26.37	276	2826815	33.928 ng	99

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

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