Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
Data File : BP002768.D
Acq On : 16 Jul 2020 12:31
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 16 14:32:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	173887	20.00	ng	0.01
21) Naphthalene-d8	10.33	136	679611	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	393560	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	826770	20.00	ng	0.01
76) Chrysene-d12	21.09	240	696691	20.00	ng	0.01
86) Perylene-d12	23.28	264	744071	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	774139	75.11	ng	0.00
7) Phenol-d6	6.77	99	1074935	73.08	ng	0.01
23) Nitrobenzene-d5	8.71	82	1006835	79.24	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	327299	79.67	ng	0.01
45) 2-Fluorobiphenyl	12.83	172	1887556	74.19	ng	0.01
79) Terphenyl-d14	19.57	244	2438981	80.26	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	178465	39.718	ng	98
3) Pyridine	3.51	79	494918	36.959	ng	99
4) n-Nitrosodimethylamine	3.43	42	208501	41.332	ng	96
6) Aniline	6.89	93	700430	37.616	ng	99
8) 2-Chlorophenol	7.13	128	420570	36.677	ng	96
9) Benzaldehyde	6.71	77	291753	36.508	ng	98
10) Phenol	6.79	94	548993	36.436	ng	98
11) bis(2-Chloroethyl)ether	7.00	93	466628	37.234	ng	98
12) 1,3-Dichlorobenzene	7.45	146	482058	36.662	ng	98
13) 1,4-Dichlorobenzene	7.60	146	478904	36.292	ng	99
14) 1,2-Dichlorobenzene	7.91	146	461461	36.264	ng	98
15) Benzyl Alcohol	7.80	79	399604	40.598	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.10	45	677989	37.616	ng	100
17) 2-Methylphenol	8.02	107	401997	37.449	ng	96
18) Hexachloroethane	8.63	117	183078	39.171	ng	97
19) n-Nitroso-di-n-propylamine	8.37	70	342079	38.190	ng	100
20) 3+4-Methylphenols	8.35	107	538051	37.907	ng	99
22) Acetophenone	8.38	105	622895	37.179	ng	99
24) Nitrobenzene	8.75	77	543394	39.486	ng	99
25) Isophorone	9.27	82	1030061	39.774	ng	99
26) 2-Nitrophenol	9.46	139	244162	41.078	ng	98
27) 2,4-Dimethylphenol	9.54	122	367211	38.054	ng	97
28) bis(2-Chloroethoxy)methane	9.76	93	603649	38.375	ng	100
29) 2,4-Dichlorophenol	10.00	162	411494	38.678	ng	98
30) 1,2,4-Trichlorobenzene	10.21	180	446162	36.613	ng	98
31) Naphthalene	10.39	128	1304138	36.347	ng	100
32) Benzoic acid	9.73	122	247867	35.378	ng	95
33) 4-Chloroaniline	10.50	127	590903	38.433	ng	99
34) Hexachlorobutadiene	10.68	225	268687	38.148	ng	98
35) Caprolactam	11.27	113	146675	39.430	ng	99
36) 4-Chloro-3-methylphenol	11.66	107	444011	38.718	ng	99
37) 2-Methylnaphthalene	12.01	142	934451	36.907	ng	98
38) 1-Methylnaphthalene	12.23	142	870814	36.363	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	472029	39.026	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	172086	36.569 ng	98
43) 2,4,6-Trichlorophenol	12.65	196	320336	41.377 ng	98
44) 2,4,5-Trichlorophenol	12.73	196	363196	40.447 ng	98
46) 1,1'-Biphenyl	13.04	154	1116507	38.053 ng	99
47) 2-Chloronaphthalene	13.08	162	894839	37.549 ng	98
48) 2-Nitroaniline	13.29	65	319922	43.430 ng	97
49) Acenaphthylene	13.93	152	1424099	37.907 ng	99
50) Dimethylphthalate	13.69	163	1144957	38.147 ng	99
51) 2,6-Dinitrotoluene	13.80	165	250590	38.998 ng	98
52) Acenaphthene	14.28	154	824171	36.708 ng	98
53) 3-Nitroaniline	14.13	138	292015	40.618 ng	96
54) 2,4-Dinitrophenol	14.36	184	113739	38.594 ng	99
55) Dibenzofuran	14.62	168	1326700	36.843 ng	98
56) 4-Nitrophenol	14.48	139	190252	35.944 ng	98
57) 2,4-Dinitrotoluene	14.60	165	337158	39.841 ng	93
58) Fluorene	15.27	166	970879	36.438 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.86	232	263793	37.269 ng	99
60) Diethylphthalate	15.06	149	1090537	37.475 ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	520586	36.771 ng	98
62) 4-Nitroaniline	15.30	138	284968	37.418 ng	93
63) Azobenzene	15.57	77	1165169	38.941 ng	98
65) 4,6-Dinitro-2-methylphenol	15.38	198	181875	38.032 ng	99
66) n-Nitrosodiphenylamine	15.49	169	913352	37.397 ng	100
67) 4-Bromophenyl-phenylether	16.17	248	341554	37.925 ng	97
68) Hexachlorobenzene	16.30	284	360582	38.001 ng	98
69) Atrazine	16.46	200	251211	37.677 ng	99
70) Pentachlorophenol	16.65	266	153663	37.810 ng	98
71) Phenanthrene	17.02	178	1613240	36.038 ng	100
72) Anthracene	17.12	178	1627622	37.053 ng	98
73) Carbazole	17.39	167	1598256	37.077 ng	99
74) Di-n-butylphthalate	17.96	149	1893729	40.507 ng	100
75) Fluoranthene	19.01	202	1936591	37.336 ng	98
77) Benzidine	19.19	184	772675	44.744 ng	99
78) Pyrene	19.36	202	1961746	40.783 ng	99
80) Butylbenzylphthalate	20.24	149	870673	45.869 ng	95
81) Benzo(a)anthracene	21.07	228	1731387	38.391 ng	100
82) 3,3'-Dichlorobenzidine	21.00	252	628182	42.059 ng	99
83) Chrysene	21.13	228	1609630	37.495 ng	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1103955	41.816 ng	100
85) Di-n-octyl phthalate	21.88	149	2036741	42.911 ng	100
87) Indeno(1,2,3-cd)pyrene	25.51	276	2075756	38.598 ng	99
88) Benzo(b)fluoranthene	22.63	252	1775385	38.426 ng	100
89) Benzo(k)fluoranthene	22.67	252	1687907	37.089 ng	99
90) Benzo(a)pyrene	23.19	252	1684199	38.467 ng	98
91) Dibenzo(a,h)anthracene	25.52	278	1684229	38.833 ng	98
92) Benzo(g,h,i)perylene	26.18	276	1727065	39.275 ng	99

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

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