Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
Data File : BP002785.D
Acq On : 17 Jul 2020 11:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jul 17 12:27:27 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	169640	20.00	ng		0.00
21) Naphthalene-d8	10.33	136	648927	20.00	ng		0.00
39) Acenaphthene-d10	14.22	164	375785	20.00	ng		0.00
64) Phenanthrene-d10	16.97	188	749361	20.00	ng		0.00
76) Chrysene-d12	21.09	240	558303	20.00	ng		0.01
86) Perylene-d12	23.28	264	519447	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	825110	82.06	ng		0.00
7) Phenol-d6	6.76	99	1113018	77.56	ng		0.00
23) Nitrobenzene-d5	8.71	82	1000295	82.44	ng		0.00
42) 2,4,6-Tribromophenol	15.72	330	307138	78.30	ng		0.01
45) 2-Fluorobiphenyl	12.83	172	1904794	78.41	ng		0.00
79) Terphenyl-d14	19.56	244	2145294	88.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.13	88	185158	42.239	ng		99
3) Pyridine	3.52	79	536713	41.084	ng		100
4) n-Nitrosodimethylamine	3.43	42	212990	43.279	ng		98
6) Aniline	6.89	93	712462	39.220	ng		99
8) 2-Chlorophenol	7.13	128	430348	38.469	ng		98
9) Benzaldehyde	6.71	77	299227	38.381	ng		98
10) Phenol	6.79	94	567571	38.612	ng		98
11) bis(2-Chloroethyl)ether	7.00	93	480443	39.296	ng		98
12) 1,3-Dichlorobenzene	7.45	146	487210	37.981	ng		98
13) 1,4-Dichlorobenzene	7.59	146	495826	38.516	ng		99
14) 1,2-Dichlorobenzene	7.91	146	470225	37.878	ng		99
15) Benzyl Alcohol	7.80	79	399506	41.604	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.10	45	673650	38.311	ng		99
17) 2-Methylphenol	8.02	107	407858	38.946	ng		100
18) Hexachloroethane	8.62	117	183571	40.260	ng		98
19) n-Nitroso-di-n-propylamine	8.37	70	341798	39.114	ng		99
20) 3+4-Methylphenols	8.35	107	540392	39.025	ng		98
22) Acetophenone	8.38	105	631516	39.475	ng	#	99
24) Nitrobenzene	8.75	77	531550	40.452	ng		99
25) Isophorone	9.27	82	1005935	40.679	ng		100
26) 2-Nitrophenol	9.46	139	239398	42.181	ng		97
27) 2,4-Dimethylphenol	9.54	122	365984	39.720	ng		99
28) bis(2-Chloroethoxy)methane	9.76	93	590171	39.292	ng		99
29) 2,4-Dichlorophenol	10.00	162	403584	39.728	ng		99
30) 1,2,4-Trichlorobenzene	10.20	180	449394	38.622	ng		98
31) Naphthalene	10.38	128	1287648	37.584	ng		99
32) Benzoic acid	9.73	122	229839	34.560	ng		95
33) 4-Chloroaniline	10.50	127	564596	38.458	ng		99
34) Hexachlorobutadiene	10.68	225	265246	39.440	ng		98
35) Caprolactam	11.28	113	135486	38.145	ng		97
36) 4-Chloro-3-methylphenol	11.66	107	424547	38.771	ng		100
37) 2-Methylnaphthalene	12.00	142	901171	37.275	ng		99
38) 1-Methylnaphthalene	12.23	142	852355	37.275	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.39	216	459068	39.750	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.37	237	149958	34.024 ng	98
43) 2,4,6-Trichlorophenol	12.64	196	305002	41.260 ng	97
44) 2,4,5-Trichlorophenol	12.72	196	347009	40.473 ng	99
46) 1,1'-Biphenyl	13.04	154	1061995	37.908 ng	98
47) 2-Chloronaphthalene	13.08	162	859071	37.753 ng	99
48) 2-Nitroaniline	13.29	65	305910	43.492 ng	94
49) Acenaphthylene	13.93	152	1361199	37.946 ng	99
50) Dimethylphthalate	13.68	163	1076166	37.551 ng	98
51) 2,6-Dinitrotoluene	13.80	165	242818	39.576 ng	96
52) Acenaphthene	14.28	154	797725	37.210 ng	100
53) 3-Nitroaniline	14.13	138	275273	40.101 ng	96
54) 2,4-Dinitrophenol	14.36	184	109733	38.878 ng	99
55) Dibenzofuran	14.62	168	1269148	36.912 ng	98
56) 4-Nitrophenol	14.48	139	176425	35.051 ng	98
57) 2,4-Dinitrotoluene	14.60	165	325406	40.272 ng	97
58) Fluorene	15.27	166	924732	36.347 ng	97
59) 2,3,4,6-Tetrachlorophenol	14.86	232	261781	38.734 ng	99
60) Diethylphthalate	15.06	149	1063295	38.267 ng	99
61) 4-Chlorophenyl-phenylether	15.27	204	501165	37.074 ng	97
62) 4-Nitroaniline	15.30	138	264911	36.467 ng	96
63) Azobenzene	15.57	77	1111803	38.915 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	171901	39.434 ng	98
66) n-Nitrosodiphenylamine	15.49	169	867928	39.208 ng	97
67) 4-Bromophenyl-phenylether	16.17	248	331131	40.566 ng	98
68) Hexachlorobenzene	16.29	284	343472	39.937 ng	98
69) Atrazine	16.45	200	238442	39.456 ng	96
70) Pentachlorophenol	16.64	266	145669	39.204 ng	98
71) Phenanthrene	17.02	178	1500103	36.973 ng	99
72) Anthracene	17.11	178	1482494	37.235 ng	100
73) Carbazole	17.39	167	1427557	36.538 ng	98
74) Di-n-butylphthalate	17.96	149	1743628	41.149 ng	100
75) Fluoranthene	19.00	202	1678349	35.700 ng	99
77) Benzidine	19.19	184	642692	46.442 ng	98
78) Pyrene	19.36	202	1673907	43.425 ng	99
80) Butylbenzylphthalate	20.24	149	733424	48.216 ng	97
81) Benzo(a)anthracene	21.07	228	1434541	39.693 ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	495127	41.367 ng	99
83) Chrysene	21.12	228	1347051	39.156 ng	98
84) Bis(2-ethylhexyl)phthalate	21.02	149	956112	45.192 ng	100
85) Di-n-octyl phthalate	21.87	149	1627634	42.791 ng	100
87) Indeno(1,2,3-cd)pyrene	25.50	276	1444345	38.471 ng	99
88) Benzo(b)fluoranthene	22.63	252	1307622	40.540 ng	99
89) Benzo(k)fluoranthene	22.67	252	1277000	40.194 ng	98
90) Benzo(a)pyrene	23.19	252	1219578	39.901 ng	98
91) Dibenzo(a,h)anthracene	25.50	278	1180721	38.996 ng	98
92) Benzo(g,h,i)perylene	26.17	276	1175210	38.282 ng	99

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

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