Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
Data File : BP002438.D
Acq On : 18 Jun 2020 13:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 18 14:47:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	168774	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	699914	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	429774	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	954230	20.00	ng		0.00
76) Chrysene-d12	21.10	240	896181	20.00	ng		-0.01
86) Perylene-d12	23.29	264	986904	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	755857	82.87	ng		0.00
7) Phenol-d6	6.78	99	999942	82.34	ng		0.00
23) Nitrobenzene-d5	8.73	82	972192	82.95	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	337955	82.13	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1967110	76.96	ng		0.00
79) Terphenyl-d14	19.58	244	2912786	82.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	185323	44.110	ng		99
3) Pyridine	3.53	79	514919	45.093	ng		98
4) n-Nitrosodimethylamine	3.46	42	197155	41.896	ng		99
6) Aniline	6.92	93	681420	41.261	ng		98
8) 2-Chlorophenol	7.16	128	409446	39.925	ng		96
9) Benzaldehyde	6.73	77	268864	42.684	ng		96
10) Phenol	6.80	94	544746	41.361	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	450713	40.988	ng		99
12) 1,3-Dichlorobenzene	7.48	146	467544	39.591	ng		98
13) 1,4-Dichlorobenzene	7.62	146	471757	39.706	ng		100
14) 1,2-Dichlorobenzene	7.93	146	449891	39.528	ng		99
15) Benzyl Alcohol	7.82	79	378321	40.195	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	629370	40.338	ng		99
17) 2-Methylphenol	8.03	107	390941	40.622	ng		99
18) Hexachloroethane	8.66	117	171426	39.605	ng		97
19) n-Nitroso-di-n-propylamine	8.39	70	340610	41.963	ng		97
20) 3+4-Methylphenols	8.36	107	528197	40.667	ng		98
22) Acetophenone	8.40	105	649473	41.303	ng	#	98
24) Nitrobenzene	8.77	77	521144	41.366	ng		98
25) Isophorone	9.30	82	978061	40.974	ng		100
26) 2-Nitrophenol	9.48	139	222278	39.594	ng		96
27) 2,4-Dimethylphenol	9.56	122	352885	40.068	ng		100
28) bis(2-Chloroethoxy)methane	9.79	93	582828	40.993	ng		100
29) 2,4-Dichlorophenol	10.02	162	392548	39.596	ng		100
30) 1,2,4-Trichlorobenzene	10.23	180	431100	39.010	ng		97
31) Naphthalene	10.41	128	1296102	39.860	ng		99
32) Benzoic acid	9.70	122	227234	32.897	ng		98
33) 4-Chloroaniline	10.52	127	582472	41.033	ng		99
34) Hexachlorobutadiene	10.71	225	245917	38.133	ng		95
35) Caprolactam	11.28	113	141231	40.390	ng		96
36) 4-Chloro-3-methylphenol	11.66	107	437352	40.772	ng		100
37) 2-Methylnaphthalene	12.03	142	921938	39.946	ng		99
38) 1-Methylnaphthalene	12.25	142	873249	40.312	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	451050	39.813	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	224167	37.219 ng	98
43) 2,4,6-Trichlorophenol	12.65	196	311704	38.877 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	367788	39.614 ng	98
46) 1,1'-Biphenyl	13.06	154	1126587	39.997 ng	100
47) 2-Chloronaphthalene	13.10	162	917855	39.838 ng	99
48) 2-Nitroaniline	13.30	65	314262	42.728 ng	98
49) Acenaphthylene	13.95	152	1464682	39.830 ng	97
50) Dimethylphthalate	13.70	163	1168757	39.689 ng	99
51) 2,6-Dinitrotoluene	13.81	165	257921	40.330 ng	95
52) Acenaphthene	14.30	154	865010	40.154 ng	97
53) 3-Nitroaniline	14.14	138	292034	39.991 ng	98
54) 2,4-Dinitrophenol	14.35	184	131953	36.568 ng	98
55) Dibenzofuran	14.64	168	1399828	40.360 ng	100
56) 4-Nitrophenol	14.46	139	233670	40.301 ng	98
57) 2,4-Dinitrotoluene	14.60	165	353035	40.555 ng	95
58) Fluorene	15.29	166	1040276	38.132 ng	94
59) 2,3,4,6-Tetrachlorophenol	14.87	232	289765	39.318 ng	100
60) Diethylphthalate	15.08	149	1169925	39.650 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	543249	39.870 ng	99
62) 4-Nitroaniline	15.31	138	286616	40.848 ng	97
63) Azobenzene	15.59	77	1236752	42.108 ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	194389	38.605 ng	93
66) n-Nitrosodiphenylamine	15.51	169	969504	39.772 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	362540	40.106 ng	98
68) Hexachlorobenzene	16.30	284	365267	38.080 ng	92
69) Atrazine	16.47	200	293531	36.913 ng	100
70) Pentachlorophenol	16.65	266	223538	38.952 ng	97
71) Phenanthrene	17.03	178	1786295	40.018 ng	99
72) Anthracene	17.12	178	1785796	40.273 ng	98
73) Carbazole	17.40	167	1729808	39.655 ng	99
74) Di-n-butylphthalate	17.98	149	2037634	39.472 ng	99
75) Fluoranthene	19.02	202	2134700	40.065 ng	99
77) Benzidine	19.20	184	716686	35.789 ng	99
78) Pyrene	19.37	202	2200458	40.086 ng	99
80) Butylbenzylphthalate	20.27	149	941250	38.573 ng	98
81) Benzo(a)anthracene	21.09	228	2038043	39.841 ng	100
82) 3,3'-Dichlorobenzidine	21.02	252	739146	38.881 ng	99
83) Chrysene	21.13	228	1973336	40.717 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1396068	39.330 ng	99
85) Di-n-octyl phthalate	21.90	149	2408311	38.682 ng	99
87) Indeno(1,2,3-cd)pyrene	25.52	276	2466084	39.951 ng	99
88) Benzo(b)fluoranthene	22.64	252	2158706	40.561 ng	98
89) Benzo(k)fluoranthene	22.69	252	2073606	41.007 ng	98
90) Benzo(a)pyrene	23.20	252	2014712	40.395 ng	98
91) Dibenzo(a,h)anthracene	25.53	278	1994810	40.287 ng	99
92) Benzo(g,h,i)perylene	26.19	276	1979830	38.606 ng	99

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

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