Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
Data File : BP003038.D
Acq On : 19 Aug 2020 18:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Aug 19 19:01:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	331822	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1271604	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	759286	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1421869	20.00	ng	0.00
76) Chrysene-d12	21.17	240	1502715	20.00	ng	0.00
86) Perylene-d12	23.41	264	1507621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1738451	80.18	ng	0.00
7) Phenol-d6	6.86	99	2246208	74.62	ng	0.00
23) Nitrobenzene-d5	8.83	82	1752355	74.64	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	861372	91.28	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	4688562	84.37	ng	-0.01
79) Terphenyl-d14	19.65	244	6498017	86.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	325788	35.006	ng	99
3) Pyridine	3.62	79	867618	33.461	ng	99
4) n-Nitrosodimethylamine	3.53	42	246578	32.374	ng	98
6) Aniline	7.01	93	1282342	36.720	ng	100
8) 2-Chlorophenol	7.25	128	1049519	45.401	ng	99
9) Benzaldehyde	6.82	77	560797	34.992	ng	99
10) Phenol	6.89	94	1110748	36.640	ng	98
11) bis(2-Chloroethyl)ether	7.11	93	841978	36.110	ng	99
12) 1,3-Dichlorobenzene	7.58	146	1165018	44.652	ng	100
13) 1,4-Dichlorobenzene	7.72	146	1184200	44.903	ng	100
14) 1,2-Dichlorobenzene	8.03	146	1119017	44.494	ng	99
15) Benzyl Alcohol	7.92	79	716461	36.074	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.22	45	692909	31.631	ng	99
17) 2-Methylphenol	8.13	107	796719	41.128	ng	100
18) Hexachloroethane	8.76	117	386030	41.966	ng	98
19) n-Nitroso-di-n-propylamine	8.49	70	550080	31.716	ng	99
20) 3+4-Methylphenols	8.45	107	1095757	41.970	ng	100
22) Acetophenone	8.49	105	1348198	37.578	ng	99
24) Nitrobenzene	8.87	77	901559	35.371	ng	98
25) Isophorone	9.40	82	1767825	35.049	ng	99
26) 2-Nitrophenol	9.58	139	568187	52.896	ng	99
27) 2,4-Dimethylphenol	9.65	122	865050	43.067	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	1039185	36.930	ng	99
29) 2,4-Dichlorophenol	10.11	162	994631	47.050	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	1049699	42.477	ng	99
31) Naphthalene	10.51	128	3193724	43.874	ng	100
32) Benzoic acid	9.81	122	623155	51.991	ng	97
33) 4-Chloroaniline	10.62	127	1355538	44.935	ng	99
34) Hexachlorobutadiene	10.81	225	617573	40.838	ng	100
35) Caprolactam	11.39	113	321335	49.126	ng	93
36) 4-Chloro-3-methylphenol	11.76	107	960335	43.702	ng	99
37) 2-Methylnaphthalene	12.13	142	2316477	44.738	ng	100
38) 1-Methylnaphthalene	12.35	142	2172956	44.581	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	1104511	40.460	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	567425	40.067 ng	99
43) 2,4,6-Trichlorophenol	12.75	196	772871	48.848 ng	100
44) 2,4,5-Trichlorophenol	12.82	196	832743	47.978 ng	99
46) 1,1'-Biphenyl	13.15	154	2855370	45.490 ng	100
47) 2-Chloronaphthalene	13.19	162	2238819	45.549 ng	99
48) 2-Nitroaniline	13.39	65	447215	37.430 ng	97
49) Acenaphthylene	14.04	152	3517060	45.626 ng	100
50) Dimethylphthalate	13.79	163	2723148	45.855 ng	100
51) 2,6-Dinitrotoluene	13.89	165	639080	47.755 ng	99
52) Acenaphthene	14.39	154	2115151	42.692 ng	100
53) 3-Nitroaniline	14.22	138	713574	50.576 ng	97
54) 2,4-Dinitrophenol	14.43	184	326082	60.053 ng	98
55) Dibenzofuran	14.72	168	3359908	44.212 ng	99
56) 4-Nitrophenol	14.54	139	590738	56.097 ng	96
57) 2,4-Dinitrotoluene	14.69	165	887493	50.122 ng	99
58) Fluorene	15.37	166	2232789	37.525 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	675924	46.673 ng	100
60) Diethylphthalate	15.16	149	2444305	42.122 ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	1089971	35.593 ng	99
62) 4-Nitroaniline	15.39	138	613449	44.691 ng	94
63) Azobenzene	15.66	77	1772515	30.341 ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	437461	57.461 ng	99
66) n-Nitrosodiphenylamine	15.59	169	2087056	44.320 ng	100
67) 4-Bromophenyl-phenylether	16.27	248	742669	42.933 ng	100
68) Hexachlorobenzene	16.39	284	855121	42.739 ng	98
69) Atrazine	16.55	200	644980	40.427 ng	99
70) Pentachlorophenol	16.73	266	529890	51.071 ng	99
71) Phenanthrene	17.12	178	3730931	44.747 ng	99
72) Anthracene	17.20	178	3701698	45.425 ng	100
73) Carbazole	17.47	167	3677494	46.210 ng	100
74) Di-n-butylphthalate	18.05	149	4721972	56.404 ng	100
75) Fluoranthene	19.09	202	4838302	50.366 ng	99
77) Benzidine	19.27	184	1809743	39.494 ng	100
78) Pyrene	19.44	202	4991831	47.518 ng	100
80) Butylbenzylphthalate	20.33	149	2268517	52.832 ng	99
81) Benzo(a)anthracene	21.15	228	4654518	45.473 ng	100
82) 3,3'-Dichlorobenzidine	21.09	252	1960998	48.403 ng	100
83) Chrysene	21.20	228	4405313	45.625 ng	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	3034369	52.192 ng	100
85) Di-n-octyl phthalate	21.97	149	5155068	53.975 ng	99
87) Indeno(1,2,3-cd)pyrene	25.70	276	5319615	44.058 ng	98
88) Benzo(b)fluoranthene	22.73	252	4687808	44.063 ng	98
89) Benzo(k)fluoranthene	22.78	252	4398995	43.746 ng	98
90) Benzo(a)pyrene	23.31	252	4344003	45.188 ng	99
91) Dibenzo(a,h)anthracene	25.72	278	4470790	43.506 ng	98
92) Benzo(g,h,i)perylene	26.39	276	5080976	51.131 ng	98

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

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