Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP031820\
Data File : BP002218.D
Acq On : 18 Mar 2020 16:27
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Mar 18 18:03:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 17:54:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	121610	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	493608	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	292975	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	620530	20.00	ng	0.00
76) Chrysene-d12	21.15	240	612800	20.00	ng	0.00
87) Perylene-d12	23.36	264	633295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	579112	84.73	ng	0.00
7) Phenol-d6	6.83	99	742864	83.34	ng	0.00
23) Nitrobenzene-d5	8.80	82	633557	78.46	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	292391	97.44	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	1681337	83.37	ng	0.00
79) Terphenyl-d14	19.63	244	2415925	80.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	115496	41.122	ng	100
3) Pyridine	3.63	79	327414	40.823	ng	100
4) n-Nitrosodimethylamine	3.54	42	82135	26.859	ng	100
6) Aniline	6.99	93	459238	41.896	ng	100
8) 2-Chlorophenol	7.23	128	340506	45.436	ng	100
9) Benzaldehyde	6.80	77	226036	46.782	ng	100
10) Phenol	6.86	94	381932	42.048	ng	100
11) bis(2-Chloroethyl)ether	7.09	93	326882	44.815	ng	100
12) 1,3-Dichlorobenzene	7.55	146	387168	42.382	ng	100
13) 1,4-Dichlorobenzene	7.69	146	393631	42.885	ng	100
14) 1,2-Dichlorobenzene	8.01	146	383620	43.950	ng	100
15) Benzyl Alcohol	7.89	79	207995	34.451	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.19	45	250388	27.486	ng	100
17) 2-Methylphenol	8.10	107	297343	49.176	ng	100
18) Hexachloroethane	8.73	117	139994	43.817	ng	100
19) n-Nitroso-di-n-propylamine	8.47	70	184429	34.031	ng	100
20) 3+4-Methylphenols	8.43	107	396423	49.154	ng	100
22) Acetophenone	8.47	105	483544	39.995	ng	100
24) Nitrobenzene	8.84	77	332677	40.429	ng	100
25) Isophorone	9.37	82	663092	43.931	ng	100
26) 2-Nitrophenol	9.55	139	138104	48.817	ng	100
27) 2,4-Dimethylphenol	9.62	122	284463	47.476	ng	100
28) bis(2-Chloroethoxy)methane	9.86	93	398245	38.804	ng	100
29) 2,4-Dichlorophenol	10.08	162	310915	44.499	ng	100
30) 1,2,4-Trichlorobenzene	10.30	180	347949	40.596	ng	100
31) Naphthalene	10.48	128	1122942	44.608	ng	100
32) Benzoic acid	9.75	122	132994	45.913	ng	100
33) 4-Chloroaniline	10.59	127	459581	42.764	ng	100
34) Hexachlorobutadiene	10.79	225	202390	39.733	ng	100
35) Caprolactam	11.35	113	61905	29.186	ng	100
36) 4-Chloro-3-methylphenol	11.72	107	311364	43.691	ng	100
37) 2-Methylnaphthalene	12.10	142	779480	44.225	ng	100
38) 1-Methylnaphthalene	12.32	142	746658	44.715	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	366671	39.338	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	175570	43.623	ng	100
43) 2,4,6-Trichlorophenol	12.72	196	240557	45.628	ng	100
44) 2,4,5-Trichlorophenol	12.79	196	284625	51.160	ng	100
46) 1,1'-Biphenyl	13.13	154	1001120	43.851	ng	100
47) 2-Chloronaphthalene	13.16	162	778179	43.255	ng	100
48) 2-Nitroaniline	13.36	65	102226	24.979	ng	100
49) Acenaphthylene	14.01	152	1265894	46.658	ng	100
50) Dimethylphthalate	13.76	163	929461	42.976	ng	100
51) 2,6-Dinitrotoluene	13.87	165	177228	42.739	ng	100
52) Acenaphthene	14.36	154	778911	44.818	ng	100
53) 3-Nitroaniline	14.19	138	198958	40.739	ng	100
54) 2,4-Dinitrophenol	14.40	184	77764	67.983	ng	100
55) Dibenzofuran	14.70	168	1174728	45.705	ng	100
56) 4-Nitrophenol	14.50	139	174093	49.390	ng	100
57) 2,4-Dinitrotoluene	14.66	165	237191	43.937	ng	100
58) Fluorene	15.35	166	867649	42.049	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.92	232	232411	48.017	ng	100
60) Diethylphthalate	15.15	149	826841	38.227	ng	100
61) 4-Chlorophenyl-phenylether	15.36	204	435123	41.498	ng	100
62) 4-Nitroaniline	15.36	138	181728	35.295	ng	100
63) Azobenzene	15.65	77	878572	44.346	ng	100
65) 4,6-Dinitro-2-methylphenol	15.43	198	104326	58.796	ng	100
66) n-Nitrosodiphenylamine	15.56	169	787513	42.615	ng	100
67) 4-Bromophenyl-phenylether	16.25	248	290459	43.238	ng	100
68) Hexachlorobenzene	16.36	284	317728	41.447	ng	100
69) Atrazine	16.53	200	184461	33.248	ng	100
70) Pentachlorophenol	16.70	266	193064	54.265	ng	100
71) Phenanthrene	17.09	178	1481958	44.338	ng	100
72) Anthracene	17.18	178	1488811	46.030	ng	100
73) Carbazole	17.45	167	1443409	46.839	ng	100
74) Di-n-butylphthalate	18.04	149	689782	19.164	ng	100
75) Fluoranthene	19.07	202	1712192	45.600	ng	100
77) Benzidine	19.25	184	230497	16.012	ng	100
78) Pyrene	19.42	202	1786772	42.377	ng	100
80) Butylbenzylphthalate	20.32	149	184280	11.132	ng	100
81) Benzo(a)anthracene	21.13	228	1695182	41.569	ng	100
82) 3,3'-Dichlorobenzidine	21.07	252	258611	18.803	ng	100
83) Chrysene	21.18	228	1661176	43.214	ng	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	297038	11.431	ng	100
85) Di-n-octyl phthalate	21.97	149	502943	12.302	ng	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	1910552	39.172	ng	100
88) Benzo(b)fluoranthene	22.70	252	1705736	44.458	ng	100
89) Benzo(k)fluoranthene	22.75	252	1695884	46.901	ng	100
90) Benzo(a)pyrene	23.27	252	1587404	45.347	ng	100
91) Dibenzo(a,h)anthracene	25.63	278	1597637	44.663	ng	100
92) Benzo(g,h,i)perylene	26.29	276	1556107	44.082	ng	100

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

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