Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081220\
Data File : BP002954.D
Acq On : 12 Aug 2020 17:54
Operator : CG/JU
Sample : L3653-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BW-STOCKMS

Quant Time: Aug 12 18:36:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	180392	20.00	ng		0.00
21) Naphthalene-d8	10.48	136	758261	20.00	ng		0.00
39) Acenaphthene-d10	14.33	164	460432	20.00	ng		0.00
64) Phenanthrene-d10	17.09	188	1011090	20.00	ng		0.00
76) Chrysene-d12	21.18	240	1319679	20.00	ng		0.00
86) Perylene-d12	23.43	264	1779807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1131580	96.01	ng		0.00
7) Phenol-d6	6.88	99	1419962	86.77	ng		0.00
23) Nitrobenzene-d5	8.84	82	761230	54.37	ng		0.00
42) 2,4,6-Tribromophenol	15.83	330	548276	95.81	ng		0.00
45) 2-Fluorobiphenyl	12.96	172	2172173	64.46	ng		0.00
79) Terphenyl-d14	19.66	244	3408233	51.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	155544	30.743	ng		99
3) Pyridine	3.63	79	500431	35.502	ng		99
4) n-Nitrosodimethylamine	3.54	42	132768	32.064	ng		100
6) Aniline	7.02	93	504775	26.588	ng		99
8) 2-Chlorophenol	7.26	128	580480	46.191	ng		99
9) Benzaldehyde	6.84	77	275498	31.620	ng		99
10) Phenol	6.90	94	688519	41.777	ng		99
11) bis(2-Chloroethyl)ether	7.12	93	475887	37.542	ng		99
12) 1,3-Dichlorobenzene	7.59	146	601777	42.426	ng		100
13) 1,4-Dichlorobenzene	7.73	146	609268	42.496	ng		100
14) 1,2-Dichlorobenzene	8.05	146	591508	43.262	ng		98
15) Benzyl Alcohol	7.93	79	388483	35.980	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.23	45	398866	33.493	ng		99
17) 2-Methylphenol	8.14	107	459003	43.584	ng		99
18) Hexachloroethane	8.78	117	199769	39.948	ng		98
19) n-Nitroso-di-n-propylamine	8.50	70	307839	32.649	ng		97
20) 3+4-Methylphenols	8.46	107	615414	43.359	ng		99
22) Acetophenone	8.51	105	770389	36.010	ng	#	99
24) Nitrobenzene	8.88	77	478564	31.487	ng		100
25) Isophorone	9.41	82	934457	31.069	ng		99
26) 2-Nitrophenol	9.59	139	268906	42.915	ng		99
27) 2,4-Dimethylphenol	9.66	122	536793	44.817	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	623030	37.130	ng		100
29) 2,4-Dichlorophenol	10.13	162	540308	42.862	ng		98
30) 1,2,4-Trichlorobenzene	10.35	180	549345	37.279	ng		100
31) Naphthalene	10.53	128	1753701	40.402	ng		99
32) Benzoic acid	9.77	122	299861	43.438	ng		99
33) 4-Chloroaniline	10.63	127	407378	22.647	ng		99
34) Hexachlorobutadiene	10.83	225	290770	32.244	ng		98
35) Caprolactam	11.38	113	186406	47.791	ng		95
36) 4-Chloro-3-methylphenol	11.77	107	523350	39.939	ng		100
37) 2-Methylnaphthalene	12.15	142	1275020	41.295	ng		99
38) 1-Methylnaphthalene	12.36	142	1205805	41.487	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	577048	34.858	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	461326	53.719 ng	99
43) 2,4,6-Trichlorophenol	12.76	196	401713	41.869 ng	99
44) 2,4,5-Trichlorophenol	12.83	196	449906	42.745 ng	99
46) 1,1'-Biphenyl	13.17	154	1601828	42.083 ng	99
47) 2-Chloronaphthalene	13.20	162	1215427	40.778 ng	99
48) 2-Nitroaniline	13.40	65	252527	35.128 ng	98
49) Acenaphthylene	14.05	152	2012701	43.058 ng	99
50) Dimethylphthalate	13.80	163	1773103	49.237 ng	99
51) 2,6-Dinitrotoluene	13.90	165	329554	41.044 ng	99
52) Acenaphthene	14.40	154	1217831	40.535 ng	99
53) 3-Nitroaniline	14.23	138	251817	30.801 ng	96
54) 2,4-Dinitrophenol	14.44	184	293205	85.157 ng	97
55) Dibenzofuran	14.74	168	1859416	40.349 ng	98
56) 4-Nitrophenol	14.55	139	707531	110.798 ng	99
57) 2,4-Dinitrotoluene	14.69	165	455242	42.984 ng	98
58) Fluorene	15.39	166	1493948	41.405 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.96	232	395953	45.087 ng	99
60) Diethylphthalate	15.17	149	1529377	43.462 ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	703537	37.886 ng	99
62) 4-Nitroaniline	15.39	138	386900	46.385 ng	98
63) Azobenzene	15.68	77	1156467	32.645 ng	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	216599	42.105 ng	99
66) n-Nitrosodiphenylamine	15.60	169	1334941	39.865 ng	99
67) 4-Bromophenyl-phenylether	16.29	248	440074	35.776 ng	96
68) Hexachlorobenzene	16.40	284	508803	35.761 ng	98
69) Atrazine	16.56	200	407904	35.955 ng	99
70) Pentachlorophenol	16.74	266	720529	97.659 ng	99
71) Phenanthrene	17.13	178	2478966	41.811 ng	98
72) Anthracene	17.22	178	2535449	43.754 ng	99
73) Carbazole	17.49	167	2491707	44.030 ng	99
74) Di-n-butylphthalate	18.07	149	2843324	47.762 ng	99
75) Fluoranthene	19.10	202	3162098	46.290 ng	99
77) Benzidine	19.28	184	2303810	57.249 ng	99
78) Pyrene	19.46	202	3320889	35.997 ng	99
80) Butylbenzylphthalate	20.35	149	1526987	41.208 ng	97
81) Benzo(a)anthracene	21.16	228	3721137	41.396 ng	99
82) 3,3'-Dichlorobenzidine	21.10	252	1203381	33.823 ng	100
83) Chrysene	21.22	228	3544960	41.807 ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	2316378	45.368 ng	98
85) Di-n-octyl phthalate	22.00	149	4448672	53.039 ng	100
87) Indeno(1,2,3-cd)pyrene	25.74	276	6826921	47.895 ng	100
88) Benzo(b)fluoranthene	22.76	252	4816047	38.345 ng	100
89) Benzo(k)fluoranthene	22.80	252	4508902	37.982 ng	100
90) Benzo(a)pyrene	23.34	252	4572201	40.288 ng	100
91) Dibenzo(a,h)anthracene	25.75	278	5599447	46.156 ng	99
92) Benzo(g,h,i)perylene	26.44	276	5889645	50.205 ng	100

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

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