Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091120\
Data File : BP003264.D
Acq On : 11 Sep 2020 17:17
Operator : CG/JU
Sample : L3943-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 357MS

Quant Time: Sep 11 18:50:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 14:37:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	202187	20.00	ng		0.00
21) Naphthalene-d8	10.43	136	761821	20.00	ng		0.00
39) Acenaphthene-d10	14.29	164	426644	20.00	ng		0.00
64) Phenanthrene-d10	17.05	188	785213	20.00	ng		0.00
76) Chrysene-d12	21.14	240	577162	20.00	ng		0.00
86) Perylene-d12	23.37	264	690038	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1066411	93.25	ng		0.00
7) Phenol-d6	6.85	99	1242848	86.70	ng		0.01
23) Nitrobenzene-d5	8.80	82	768568	72.73	ng		0.00
42) 2,4,6-Tribromophenol	15.79	330	538201	93.27	ng		0.00
45) 2-Fluorobiphenyl	12.91	172	2033809	69.81	ng		0.00
79) Terphenyl-d14	19.62	244	2054177	78.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.19	88	162805	37.238	ng		100
3) Pyridine	3.57	79	412370	35.840	ng		97
4) n-Nitrosodimethylamine	3.49	42	139640	46.476	ng		95
6) Aniline	6.98	93	427251	27.374	ng		98
8) 2-Chlorophenol	7.22	128	557832	43.755	ng		99
9) Benzaldehyde	6.79	77	220194	32.946	ng		98
10) Phenol	6.87	94	580062	43.663	ng		95
11) bis(2-Chloroethyl)ether	7.08	93	443029	42.133	ng		99
12) 1,3-Dichlorobenzene	7.54	146	635824	41.017	ng		99
13) 1,4-Dichlorobenzene	7.68	146	640108	40.903	ng		99
14) 1,2-Dichlorobenzene	7.99	146	609682	41.093	ng		99
15) Benzyl Alcohol	7.89	79	370985	45.931	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.18	45	370527	41.582	ng		99
17) 2-Methylphenol	8.11	107	410220	43.345	ng		99
18) Hexachloroethane	8.72	117	215082	42.010	ng		98
19) n-Nitroso-di-n-propylamine	8.45	70	267508	41.302	ng		98
20) 3+4-Methylphenols	8.43	107	534623	41.926	ng		98
22) Acetophenone	8.46	105	675856	39.837	ng	#	99
24) Nitrobenzene	8.84	77	451912	43.539	ng		99
25) Isophorone	9.36	82	828518	44.436	ng		100
26) 2-Nitrophenol	9.55	139	306086	49.477	ng		99
27) 2,4-Dimethylphenol	9.63	122	458573	49.309	ng		98
28) bis(2-Chloroethoxy)methane	9.85	93	551158	39.688	ng		99
29) 2,4-Dichlorophenol	10.09	162	507513	43.986	ng		99
30) 1,2,4-Trichlorobenzene	10.29	180	565573	41.169	ng		99
31) Naphthalene	10.47	128	1613360	41.220	ng		100
32) Benzoic acid	9.82	122	250639	37.305	ng		98
33) 4-Chloroaniline	10.59	127	199981	12.229	ng		99
34) Hexachlorobutadiene	10.77	225	350864	42.555	ng		99
35) Caprolactam	11.37	113	136639	39.408	ng		98
36) 4-Chloro-3-methylphenol	11.75	107	457534	42.470	ng		99
37) 2-Methylnaphthalene	12.10	142	1134643	40.524	ng		99
38) 1-Methylnaphthalene	12.32	142	1048963	39.416	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.47	216	572516	45.275	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	501752	83.938 ng	99
43) 2,4,6-Trichlorophenol	12.72	196	372488	44.798 ng	100
44) 2,4,5-Trichlorophenol	12.81	196	386760	43.975 ng	99
46) 1,1'-Biphenyl	13.12	154	1396781	43.647 ng	100
47) 2-Chloronaphthalene	13.16	162	1076869	41.109 ng	99
48) 2-Nitroaniline	13.37	65	210692	42.957 ng	97
49) Acenaphthylene	14.01	152	1654197	41.762 ng	99
50) Dimethylphthalate	13.76	163	1660560	51.038 ng	100
51) 2,6-Dinitrotoluene	13.87	165	285247	42.184 ng	99
52) Acenaphthene	14.36	154	984032	40.438 ng	99
53) 3-Nitroaniline	14.20	138	166616	21.748 ng	100
54) 2,4-Dinitrophenol	14.42	184	216999	60.806 ng	99
55) Dibenzofuran	14.69	168	1547291	40.487 ng	98
56) 4-Nitrophenol	14.55	139	394872	71.643 ng	96
57) 2,4-Dinitrotoluene	14.67	165	374734	41.216 ng	98
58) Fluorene	15.35	166	1164811	39.566 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.93	232	321741	40.433 ng	99
60) Diethylphthalate	15.13	149	1244142	38.977 ng	100
61) 4-Chlorophenyl-phenylether	15.34	204	597205	39.282 ng	98
62) 4-Nitroaniline	15.37	138	262989	33.395 ng	96
63) Azobenzene	15.63	77	862570	40.715 ng	97
65) 4,6-Dinitro-2-methylphenol	15.44	198	178550	47.548 ng	96
66) n-Nitrosodiphenylamine	15.56	169	1046463	45.578 ng	99
67) 4-Bromophenyl-phenylether	16.24	248	390553	45.067 ng	98
68) Hexachlorobenzene	16.36	284	454563	44.057 ng	98
69) Atrazine	16.52	200	265914	34.339 ng	99
70) Pentachlorophenol	16.71	266	394125	79.883 ng	99
71) Phenanthrene	17.09	178	1750029	41.131 ng	100
72) Anthracene	17.18	178	1767774	43.412 ng	99
73) Carbazole	17.45	167	1547570	39.600 ng	100
74) Di-n-butylphthalate	18.02	149	1917490	41.738 ng	100
75) Fluoranthene	19.07	202	1822571	37.063 ng	99
77) Benzidine	19.25	184	565595	42.877 ng	99
78) Pyrene	19.42	202	1807576	48.254 ng	100
80) Butylbenzylphthalate	20.30	149	718769	46.603 ng	99
81) Benzo(a)anthracene	21.13	228	1512392	41.833 ng	99
82) 3,3'-Dichlorobenzidine	21.06	252	455907	34.283 ng	98
83) Chrysene	21.18	228	1472084	42.528 ng	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1008878	45.295 ng	100
85) Di-n-octyl phthalate	21.93	149	1659441	43.454 ng	100
87) Indeno(1,2,3-cd)pyrene	25.66	276	2431002	47.241 ng	99
88) Benzo(b)fluoranthene	22.70	252	1787411	41.676 ng	99
89) Benzo(k)fluoranthene	22.74	252	1589675	38.794 ng	100
90) Benzo(a)pyrene	23.28	252	1623411	40.801 ng	99
91) Dibenzo(a,h)anthracene	25.66	278	2016285	47.697 ng	99
92) Benzo(g,h,i)perylene	26.35	276	2112792	49.803 ng	99

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

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