Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062320\
Data File : BP002495.D
Acq On : 23 Jun 2020 10:32
Operator : CG/JU
Sample : L3082-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-2MSD

Quant Time: Jun 23 11:51:54 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	137905	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	553532	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	358144	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	817656	20.00	ng		0.00
76) Chrysene-d12	21.10	240	891250	20.00	ng		0.00
86) Perylene-d12	23.30	264	1015690	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	897419	120.42	ng		0.00
7) Phenol-d6	6.78	99	1208694	121.81	ng		0.00
23) Nitrobenzene-d5	8.73	82	781778	84.34	ng		-0.01
42) 2,4,6-Tribromophenol	15.73	330	566839	165.31	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1776781	83.42	ng		0.00
79) Terphenyl-d14	19.59	244	3119345	92.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	159756	46.536	ng		100
3) Pyridine	3.53	79	434316	46.548	ng		96
4) n-Nitrosodimethylamine	3.46	42	197270	51.304	ng		99
6) Aniline	6.92	93	400239	29.660	ng		98
8) 2-Chlorophenol	7.16	128	438262	52.300	ng		99
9) Benzaldehyde	6.73	77	209890	39.998	ng		99
10) Phenol	6.80	94	563920	52.401	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	423856	47.174	ng		99
12) 1,3-Dichlorobenzene	7.48	146	478191	49.557	ng		99
13) 1,4-Dichlorobenzene	7.62	146	486693	50.132	ng		98
14) 1,2-Dichlorobenzene	7.93	146	462217	49.702	ng		99
15) Benzyl Alcohol	7.83	79	379087	49.292	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	570864	44.779	ng		99
17) 2-Methylphenol	8.04	107	382669	48.663	ng		99
18) Hexachloroethane	8.66	117	176703	49.962	ng		95
19) n-Nitroso-di-n-propylamine	8.39	70	324209	48.883	ng		100
20) 3+4-Methylphenols	8.36	107	513989	48.431	ng		99
22) Acetophenone	8.40	105	621131	49.947	ng	#	98
24) Nitrobenzene	8.77	77	500170	50.200	ng		99
25) Isophorone	9.30	82	930406	49.286	ng		99
26) 2-Nitrophenol	9.48	139	243541	54.854	ng		97
27) 2,4-Dimethylphenol	9.56	122	394526	56.643	ng		100
28) bis(2-Chloroethoxy)methane	9.79	93	569805	50.675	ng		100
29) 2,4-Dichlorophenol	10.02	162	440568	56.191	ng		97
30) 1,2,4-Trichlorobenzene	10.23	180	469205	53.687	ng		98
31) Naphthalene	10.41	128	1316189	51.182	ng		100
32) Benzoic acid	9.72	122	309380	53.315	ng		99
33) 4-Chloroaniline	10.52	127	196121	17.470	ng		100
34) Hexachlorobutadiene	10.71	225	278356	54.578	ng		96
35) Caprolactam	11.29	113	148890	53.841	ng		97
36) 4-Chloro-3-methylphenol	11.67	107	467197	55.072	ng		98
37) 2-Methylnaphthalene	12.03	142	964682	52.852	ng		98
38) 1-Methylnaphthalene	12.25	142	924145	53.943	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	503506	53.333	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	588364	117.224 ng		98
43) 2,4,6-Trichlorophenol	12.66	196	367636	55.024 ng		99
44) 2,4,5-Trichlorophenol	12.73	196	402753	52.057 ng		97
46) 1,1'-Biphenyl	13.06	154	1219263	51.945 ng		98
47) 2-Chloronaphthalene	13.10	162	977342	50.904 ng		99
48) 2-Nitroaniline	13.30	65	309917	50.565 ng		99
49) Acenaphthylene	13.95	152	1549715	50.571 ng		99
50) Dimethylphthalate	13.70	163	1364961	55.622 ng		100
51) 2,6-Dinitrotoluene	13.81	165	285556	53.581 ng		98
52) Acenaphthene	14.30	154	904668	50.394 ng		98
53) 3-Nitroaniline	14.14	138	153791	25.272 ng		97
54) 2,4-Dinitrophenol	14.36	184	343107	108.196 ng		94
55) Dibenzofuran	14.64	168	1495172	51.731 ng		100
56) 4-Nitrophenol	14.47	139	503416	104.190 ng		97
57) 2,4-Dinitrotoluene	14.61	165	387737	53.450 ng		96
58) Fluorene	15.29	166	1116982	49.133 ng		100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	368784	60.047 ng		94
60) Diethylphthalate	15.08	149	1231810	50.097 ng		99
61) 4-Chlorophenyl-phenylether	15.29	204	591685	56.952 ng		97
62) 4-Nitroaniline	15.32	138	284264	48.616 ng		98
63) Azobenzene	15.59	77	1202681	49.138 ng		99
65) 4,6-Dinitro-2-methylphenol	15.38	198	246674	57.171 ng		96
66) n-Nitrosodiphenylamine	15.51	169	1075027	51.467 ng		100
67) 4-Bromophenyl-phenylether	16.19	248	414303	53.488 ng		95
68) Hexachlorobenzene	16.31	284	480364	58.443 ng		93
69) Atrazine	16.47	200	376831	55.303 ng		99
70) Pentachlorophenol	16.65	266	593191	120.630 ng		98
71) Phenanthrene	17.04	178	1968333	51.462 ng		100
72) Anthracene	17.13	178	1983932	52.214 ng		99
73) Carbazole	17.40	167	1836407	49.131 ng		99
74) Di-n-butylphthalate	17.98	149	2248200	50.825 ng		99
75) Fluoranthene	19.02	202	2558809	56.046 ng		98
77) Benzidine	19.20	184	1130400	56.761 ng		99
78) Pyrene	19.37	202	2559580	46.886 ng		99
80) Butylbenzylphthalate	20.27	149	1084410	44.685 ng		96
81) Benzo(a)anthracene	21.09	228	2555181	50.227 ng		100
82) 3,3'-Dichlorobenzidine	21.03	252	770025	40.729 ng	#	98
83) Chrysene	21.14	228	2403673	49.871 ng		99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1546084	43.798 ng		99
85) Di-n-octyl phthalate	21.91	149	2783112	44.950 ng		98
87) Indeno(1,2,3-cd)pyrene	25.53	276	3420340	53.840 ng		95
88) Benzo(b)fluoranthene	22.65	252	2851912	52.067 ng		98
89) Benzo(k)fluoranthene	22.69	252	2669293	51.291 ng		99
90) Benzo(a)pyrene	23.21	252	2587246	50.405 ng		98
91) Dibenzo(a,h)anthracene	25.54	278	2809409	55.131 ng		96
92) Benzo(g,h,i)perylene	26.20	276	2833907	53.694 ng		95

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

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