Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
Data File : BP002430.D
Acq On : 17 Jun 2020 21:25
Operator : CG/JU
Sample : L3030-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SB-01(8-10)MS

Quant Time: Jun 18 00:50:30 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	150407	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	622480	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	369221	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	761383	20.00	ng		0.00
76) Chrysene-d12	21.10	240	692107	20.00	ng		-0.01
86) Perylene-d12	23.29	264	791803	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1046672	128.77	ng		0.00
7) Phenol-d6	6.78	99	1414649	130.72	ng		0.00
23) Nitrobenzene-d5	8.73	82	901006	86.44	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	432724	122.41	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1861160	84.76	ng		0.00
79) Terphenyl-d14	19.58	244	2497404	96.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	160935	42.982	ng		99
3) Pyridine	3.53	79	441440	43.379	ng		97
4) n-Nitrosodimethylamine	3.45	42	205744	49.060	ng		99
6) Aniline	6.92	93	547345	37.189	ng		99
8) 2-Chlorophenol	7.16	128	466797	51.075	ng		98
9) Benzaldehyde	6.73	77	253954	46.466	ng		98
10) Phenol	6.80	94	634902	54.093	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	467674	47.724	ng		98
12) 1,3-Dichlorobenzene	7.48	146	486166	46.195	ng		98
13) 1,4-Dichlorobenzene	7.62	146	495569	46.803	ng		99
14) 1,2-Dichlorobenzene	7.93	146	468331	46.173	ng		99
15) Benzyl Alcohol	7.83	79	407090	48.534	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.13	45	655328	47.131	ng		99
17) 2-Methylphenol	8.04	107	406420	47.387	ng		99
18) Hexachloroethane	8.66	117	183492	47.569	ng		98
19) n-Nitroso-di-n-propylamine	8.39	70	361038	49.911	ng		97
20) 3+4-Methylphenols	8.36	107	549508	47.474	ng		98
22) Acetophenone	8.40	105	675139	48.276	ng	#	98
24) Nitrobenzene	8.78	77	553585	49.407	ng		99
25) Isophorone	9.30	82	1003998	47.293	ng		99
26) 2-Nitrophenol	9.48	139	246554	49.381	ng		98
27) 2,4-Dimethylphenol	9.56	122	419409	53.546	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	638836	50.521	ng		99
29) 2,4-Dichlorophenol	10.02	162	442714	50.211	ng		99
30) 1,2,4-Trichlorobenzene	10.23	180	456944	46.493	ng		97
31) Naphthalene	10.41	128	1391536	48.119	ng		99
32) Benzoic acid	9.70	122	297545	46.262	ng		97
33) 4-Chloroaniline	10.52	127	220023	17.428	ng		99
34) Hexachlorobutadiene	10.71	225	256911	44.794	ng		98
35) Caprolactam	11.28	113	142846	45.934	ng		93
36) 4-Chloro-3-methylphenol	11.66	107	475315	49.823	ng		99
37) 2-Methylnaphthalene	12.03	142	1000092	48.723	ng		99
38) 1-Methylnaphthalene	12.25	142	946297	49.118	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	465720	47.850	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	564836	109.160	ng	98
43) 2,4,6-Trichlorophenol	12.66	196	334772	48.602	ng	100
44) 2,4,5-Trichlorophenol	12.73	196	364700	45.724	ng	98
46) 1,1'-Biphenyl	13.06	154	1221821	50.492	ng	99
47) 2-Chloronaphthalene	13.10	162	959533	48.477	ng	99
48) 2-Nitroaniline	13.30	65	307643	48.688	ng	98
49) Acenaphthylene	13.95	152	1537203	48.658	ng	100
50) Dimethylphthalate	13.70	163	1305536	51.604	ng	100
51) 2,6-Dinitrotoluene	13.81	165	261350	47.568	ng	95
52) Acenaphthene	14.30	154	904181	48.856	ng	100
53) 3-Nitroaniline	14.14	138	171520	27.340	ng	99
54) 2,4-Dinitrophenol	14.35	184	290982	89.500	ng	98
55) Dibenzofuran	14.64	168	1433752	48.117	ng	99
56) 4-Nitrophenol	14.47	139	462479	92.845	ng	96
57) 2,4-Dinitrotoluene	14.60	165	348338	46.578	ng	98
58) Fluorene	15.29	166	1062644	45.340	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	307660	48.592	ng	99
60) Diethylphthalate	15.08	149	1147036	45.249	ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	534201	47.525	ng	98
62) 4-Nitroaniline	15.31	138	241844	40.120	ng	97
63) Azobenzene	15.59	77	1255663	49.763	ng	97
65) 4,6-Dinitro-2-methylphenol	15.37	198	199133	49.563	ng	92
66) n-Nitrosodiphenylamine	15.51	169	988915	50.844	ng	99
67) 4-Bromophenyl-phenylether	16.19	248	342076	47.427	ng	98
68) Hexachlorobenzene	16.30	284	377461	49.318	ng	98
69) Atrazine	16.47	200	306818	48.356	ng	99
70) Pentachlorophenol	16.65	266	459628	100.377	ng	99
71) Phenanthrene	17.03	178	1755041	49.277	ng	100
72) Anthracene	17.13	178	1790028	50.593	ng	98
73) Carbazole	17.40	167	1624894	46.685	ng	100
74) Di-n-butylphthalate	17.98	149	1966725	47.748	ng	99
75) Fluoranthene	19.02	202	2033356	47.829	ng	98
77) Benzidine	19.20	184	1093195	70.688	ng	100
78) Pyrene	19.37	202	2081491	49.099	ng	99
80) Butylbenzylphthalate	20.27	149	858132	45.536	ng	99
81) Benzo(a)anthracene	21.08	228	1905797	48.241	ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	616821	42.013	ng	98
83) Chrysene	21.13	228	1844184	49.272	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1285250	46.885	ng	99
85) Di-n-octyl phthalate	21.90	149	2182591	45.394	ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	2521074	50.905	ng	99
88) Benzo(b)fluoranthene	22.64	252	2025268	47.430	ng	99
89) Benzo(k)fluoranthene	22.68	252	2078318	51.227	ng	98
90) Benzo(a)pyrene	23.20	252	1942832	48.553	ng	99
91) Dibenzo(a,h)anthracene	25.52	278	2083881	52.456	ng	99
92) Benzo(g,h,i)perylene	26.18	276	2112291	51.338	ng	99

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

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