Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026734.D
Acq On : 10 Jul 2020 15:11
Operator : JU/CG
Sample : L3186-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-02-070820MSD

Manual Integrations APPROVED
mohammad
7/13/2020 1:02:49 PM

Quant Time: Jul 10 15:44:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 10 10:38:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	88538	20.00	ng		0.00
21) Naphthalene-d8	10.07	136	327855	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	184464	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	389704	20.00	ng		0.00
76) Chrysene-d12	20.97	240	438863	20.00	ng		0.00
86) Perylene-d12	23.04	264	460962	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	267047	50.55	ng		0.00
7) Phenol-d6	6.53	99	387847	46.08	ng		0.00
23) Nitrobenzene-d5	8.47	82	266121	34.63	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	133718	49.76	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	498811	35.95	ng		0.00
79) Terphenyl-d14	19.40	244	835055	37.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	115789	45.620	ng		94
3) Pyridine	3.33	79	294250	40.534	ng		98
4) n-Nitrosodimethylamine	3.25	42	190250	43.786	ng		89
6) Aniline	6.67	93	337906	32.711	ng		98
8) 2-Chlorophenol	6.90	128	279679	44.447	ng		98
9) Benzaldehyde	6.48	77	101009	21.625	ng		97
10) Phenol	6.56	94	366032	44.004	ng		96
11) bis(2-Chloroethyl)ether	6.78	93	278497	40.043	ng		96
12) 1,3-Dichlorobenzene	7.21	146	306135	44.758	ng		96
13) 1,4-Dichlorobenzene	7.36	146	311165	44.694	ng		99
14) 1,2-Dichlorobenzene	7.66	146	299070	43.123	ng		98
15) Benzyl Alcohol	7.58	79	270083	37.505	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	517134	36.025	ng		99
17) 2-Methylphenol	7.79	107	233780	36.982	ng		96
18) Hexachloroethane	8.37	117	120403	43.544	ng		98
19) n-Nitroso-di-n-propylamine	8.13	70	240315	34.318	ng		94
20) 3+4-Methylphenols	8.12	107	311385	35.830	ng		98
22) Acetophenone	8.15	105	411879	44.209	ng	#	95
24) Nitrobenzene	8.51	77	349705	43.256	ng		99
25) Isophorone	9.04	82	586905	39.827	ng		99
26) 2-Nitrophenol	9.21	139	139489	46.748	ng		98
27) 2,4-Dimethylphenol	9.29	122	228679	47.131	ng		97
28) bis(2-Chloroethoxy)methane	9.53	93	341670	41.969	ng		99
29) 2,4-Dichlorophenol	9.75	162	242487	45.380	ng		99
30) 1,2,4-Trichlorobenzene	9.95	180	268232	44.997	ng		99
31) Naphthalene	10.13	128	804169	44.100	ng		99
32) Benzoic acid	9.48	122	166892	40.863	ng		99
33) 4-Chloroaniline	10.26	127	190228	23.847	ng		99
34) Hexachlorobutadiene	10.42	225	169438	42.918	ng		99
35) Caprolactam	11.05	113	73655m	38.913	ng		
36) 4-Chloro-3-methylphenol	11.40	107	273623	40.517	ng		99
37) 2-Methylnaphthalene	11.75	142	560873	41.522	ng		99
38) 1-Methylnaphthalene	11.98	142	528429	40.833	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	286283	48.008	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	190139	58.557 ng	99
43) 2,4,6-Trichlorophenol	12.40	196	187155	47.912 ng	98
44) 2,4,5-Trichlorophenol	12.47	196	204005	44.443 ng	98
46) 1,1'-Biphenyl	12.80	154	674573	46.296 ng	98
47) 2-Chloronaphthalene	12.84	162	537404	45.656 ng	98
48) 2-Nitroaniline	13.06	65	213474	44.069 ng	98
49) Acenaphthylene	13.70	152	841883	44.740 ng	100
50) Dimethylphthalate	13.47	163	668403	42.363 ng	99
51) 2,6-Dinitrotoluene	13.58	165	140975	41.725 ng	97
52) Acenaphthene	14.05	154	499489	43.678 ng	97
53) 3-Nitroaniline	13.91	138	110573	31.459 ng	96
54) 2,4-Dinitrophenol	14.13	184	63782	31.379 ng	98
55) Dibenzofuran	14.39	168	794705	42.383 ng	99
56) 4-Nitrophenol	14.26	139	255251	83.143 ng	95
57) 2,4-Dinitrotoluene	14.39	165	200458	41.108 ng	99
58) Fluorene	15.05	166	658608	42.423 ng	99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	183632	45.809 ng	99
60) Diethylphthalate	14.85	149	652088	39.085 ng	99
61) 4-Chlorophenyl-phenylether	15.05	204	328117	39.010 ng	98
62) 4-Nitroaniline	15.09	138	145149m	36.170 ng	
63) Azobenzene	15.35	77	761082	41.533 ng	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	46681	19.323 ng	94
66) n-Nitrosodiphenylamine	15.27	169	561861	45.369 ng	98
67) 4-Bromophenyl-phenylether	15.95	248	202395	41.725 ng	97
68) Hexachlorobenzene	16.06	284	226536	44.373 ng	99
69) Atrazine	16.25	200	183857	49.371 ng	98
70) Pentachlorophenol	16.41	266	295628	102.360 ng	99
71) Phenanthrene	16.79	178	1046927	45.506 ng	99
72) Anthracene	16.88	178	1070232	46.729 ng	100
73) Carbazole	17.16	167	955121	43.743 ng	100
74) Di-n-butylphthalate	17.75	149	1178175	42.912 ng	99
75) Fluoranthene	18.82	202	1293312	45.642 ng	99
77) Benzidine	19.03	184	856769	99.024 ng	100
78) Pyrene	19.18	202	1318682	47.699 ng	99
80) Butylbenzylphthalate	20.12	149	571570	46.071 ng	98
81) Benzo(a)anthracene	20.95	228	1338645	45.409 ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	460899	49.260 ng	100
83) Chrysene	21.00	228	1290369	44.972 ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	875955	44.074 ng	99
85) Di-n-octyl phthalate	21.76	149	1517657	44.676 ng	99
87) Indeno(1,2,3-cd)pyrene	25.06	276	1624935	49.516 ng	100
88) Benzo(b)fluoranthene	22.44	252	1421285	46.795 ng	99
89) Benzo(k)fluoranthene	22.47	252	1348356	45.258 ng	99
90) Benzo(a)pyrene	22.95	252	1281754	45.459 ng	100
91) Dibenzo(a,h)anthracene	25.06	278	1372327	49.538 ng	99
92) Benzo(g,h,i)perylene	25.66	276	1316923	51.594 ng	100

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

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