Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026733.D
Acq On : 10 Jul 2020 14:34
Operator : JU/CG
Sample : L3186-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OR-02-070820MS

Manual Integrations APPROVED
mohammad
7/13/2020 1:02:46 PM

Quant Time: Jul 10 15:23:24 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	87248	20.00	ng		0.00
21) Naphthalene-d8	10.07	136	313979	20.00	ng		0.00
39) Acenaphthene-d10	13.98	164	175208	20.00	ng		0.00
64) Phenanthrene-d10	16.75	188	368645	20.00	ng		0.00
76) Chrysene-d12	20.97	240	424631	20.00	ng		0.00
86) Perylene-d12	23.03	264	449854	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	540919	103.91	ng		0.00
7) Phenol-d6	6.53	99	721980	87.05	ng		0.00
23) Nitrobenzene-d5	8.47	82	499496	67.87	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	237557	93.08	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	906968	68.83	ng		0.00
79) Terphenyl-d14	19.41	244	1533739	71.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	116431	46.552	ng		98
3) Pyridine	3.33	79	300694	42.034	ng		96
4) n-Nitrosodimethylamine	3.25	42	191171	44.648	ng		93
6) Aniline	6.67	93	335342	32.943	ng		98
8) 2-Chlorophenol	6.90	128	275986	44.509	ng		98
9) Benzaldehyde	6.48	77	99858	21.694	ng		97
10) Phenol	6.56	94	368679	44.978	ng		93
11) bis(2-Chloroethyl)ether	6.78	93	282149	41.168	ng		97
12) 1,3-Dichlorobenzene	7.21	146	309724	45.953	ng		96
13) 1,4-Dichlorobenzene	7.36	146	313216	45.654	ng		99
14) 1,2-Dichlorobenzene	7.66	146	299230	43.784	ng		99
15) Benzyl Alcohol	7.58	79	265878	37.467	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	518771	36.673	ng		99
17) 2-Methylphenol	7.79	107	233920	37.551	ng		97
18) Hexachloroethane	8.37	117	119440	43.835	ng		95
19) n-Nitroso-di-n-propylamine	8.13	70	239430	34.697	ng		96
20) 3+4-Methylphenols	8.11	107	309164	36.100	ng		96
22) Acetophenone	8.15	105	409162	45.858	ng	#	96
24) Nitrobenzene	8.51	77	352393	45.515	ng		98
25) Isophorone	9.04	82	578988	41.026	ng		99
26) 2-Nitrophenol	9.21	139	139399	48.783	ng		99
27) 2,4-Dimethylphenol	9.29	122	224837	48.387	ng		100
28) bis(2-Chloroethoxy)methane	9.52	93	336249	43.129	ng		99
29) 2,4-Dichlorophenol	9.75	162	237297	46.372	ng		100
30) 1,2,4-Trichlorobenzene	9.95	180	269097	47.137	ng		97
31) Naphthalene	10.13	128	797586	45.672	ng		98
32) Benzoic acid	9.47	122	160794	41.067	ng		96
33) 4-Chloroaniline	10.26	127	161086	21.086	ng		98
34) Hexachlorobutadiene	10.42	225	167733	44.364	ng		98
35) Caprolactam	11.05	113	71820m	39.620	ng		
36) 4-Chloro-3-methylphenol	11.40	107	270388	41.808	ng		99
37) 2-Methylnaphthalene	11.75	142	555554	42.946	ng		99
38) 1-Methylnaphthalene	11.97	142	524357	42.309	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	281249	49.656	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	222399	70.694	ng	99
43) 2,4,6-Trichlorophenol	12.40	196	183598	49.484	ng	98
44) 2,4,5-Trichlorophenol	12.47	196	199272	45.705	ng	97
46) 1,1'-Biphenyl	12.80	154	659469	47.651	ng	98
47) 2-Chloronaphthalene	12.83	162	529497	47.361	ng	99
48) 2-Nitroaniline	13.06	65	205487	44.662	ng	99
49) Acenaphthylene	13.70	152	828329	46.346	ng	99
50) Dimethylphthalate	13.47	163	682321	45.530	ng	100
51) 2,6-Dinitrotoluene	13.58	165	138500	43.159	ng	98
52) Acenaphthene	14.05	154	495513	45.619	ng	99
53) 3-Nitroaniline	13.91	138	107937	32.331	ng	100
54) 2,4-Dinitrophenol	14.13	184	76939	38.159	ng	96
55) Dibenzofuran	14.39	168	787124	44.196	ng	98
56) 4-Nitrophenol	14.25	139	246624	84.509	ng	99
57) 2,4-Dinitrotoluene	14.39	165	196980	42.529	ng	99
58) Fluorene	15.05	166	651188	44.161	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.63	232	178894	46.984	ng	100
60) Diethylphthalate	14.85	149	638233	40.276	ng	99
61) 4-Chlorophenyl-phenylether	15.05	204	322874	40.415	ng	98
62) 4-Nitroaniline	15.09	138	142323m	37.237	ng	
63) Azobenzene	15.35	77	746767	42.905	ng	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	55826	23.230	ng	94
66) n-Nitrosodiphenylamine	15.27	169	545985	46.606	ng	98
67) 4-Bromophenyl-phenylether	15.95	248	198131	43.179	ng	98
68) Hexachlorobenzene	16.06	284	220814	45.723	ng	98
69) Atrazine	16.25	200	178773	50.748	ng	99
70) Pentachlorophenol	16.41	266	285437	104.477	ng	99
71) Phenanthrene	16.79	178	1035773	47.593	ng	100
72) Anthracene	16.87	178	1054763	48.685	ng	99
73) Carbazole	17.16	167	927669	44.913	ng	100
74) Di-n-butylphthalate	17.75	149	1148689	44.228	ng	99
75) Fluoranthene	18.82	202	1316296	49.106	ng	99
77) Benzidine	19.03	184	598491	71.491	ng	100
78) Pyrene	19.18	202	1343620	50.230	ng	99
80) Butylbenzylphthalate	20.12	149	558545	46.530	ng	100
81) Benzo(a)anthracene	20.95	228	1357086	47.578	ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	432220	47.743	ng	99
83) Chrysene	21.00	228	1314121	47.335	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	861181	44.782	ng	100
85) Di-n-octyl phthalate	21.76	149	1522644	46.325	ng	99
87) Indeno(1,2,3-cd)pyrene	25.05	276	1660865	51.861	ng	100
88) Benzo(b)fluoranthene	22.43	252	1460910	49.287	ng	99
89) Benzo(k)fluoranthene	22.47	252	1349023	46.399	ng	100
90) Benzo(a)pyrene	22.95	252	1326012	48.190	ng	100
91) Dibenzo(a,h)anthracene	25.06	278	1390990	51.451	ng	99
92) Benzo(g,h,i)perylene	25.66	276	1341638	53.860	ng	100

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

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