Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026417.D
Acq On : 16 Jun 2020 18:05
Operator : JU/CG
Sample : L3020-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MW-22(16.5-18.5)MSD

Manual Integrations APPROVED
mohammad
6/18/2020 11:52:37 AM

Quant Time: Jun 16 18:38:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 16 10:23:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	104738	20.00	ng		0.00
21) Naphthalene-d8	10.16	136	417534	20.00	ng		0.00
39) Acenaphthene-d10	14.05	164	256431	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	561603	20.00	ng		0.00
76) Chrysene-d12	21.02	240	599347	20.00	ng		0.00
86) Perylene-d12	23.10	264	624971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	688652	116.25	ng		0.00
7) Phenol-d6	6.61	99	943317	109.97	ng		0.00
23) Nitrobenzene-d5	8.55	82	625310	73.53	ng		0.00
42) 2,4,6-Tribromophenol	15.56	330	363739	117.10	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	1259473	74.56	ng		0.00
79) Terphenyl-d14	19.46	244	2093508	67.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	97684	36.574	ng		99
3) Pyridine	3.40	79	267720	34.127	ng		100
4) n-Nitrosodimethylamine	3.32	42	147099	37.872	ng		95
6) Aniline	6.75	93	277320	24.647	ng		98
8) 2-Chlorophenol	6.97	128	273438	40.018	ng		99
9) Benzaldehyde	6.56	77	159936	29.240	ng		98
10) Phenol	6.63	94	373390	40.873	ng		99
11) bis(2-Chloroethyl)ether	6.85	93	264759	35.981	ng		98
12) 1,3-Dichlorobenzene	7.29	146	288168	38.092	ng		99
13) 1,4-Dichlorobenzene	7.43	146	294932	38.275	ng		99
14) 1,2-Dichlorobenzene	7.75	146	281349	37.378	ng		97
15) Benzyl Alcohol	7.65	79	261068	35.840	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.94	45	477916	34.777	ng		99
17) 2-Methylphenol	7.86	107	233649	34.993	ng		97
18) Hexachloroethane	8.45	117	113809	38.999	ng		97
19) n-Nitroso-di-n-propylamine	8.21	70	234576	35.092	ng		99
20) 3+4-Methylphenols	8.19	107	316968	34.830	ng		98
22) Acetophenone	8.22	105	405147	37.736	ng	#	96
24) Nitrobenzene	8.59	77	342282	38.450	ng		100
25) Isophorone	9.12	82	591277	37.011	ng		99
26) 2-Nitrophenol	9.29	139	143674	40.781	ng		95
27) 2,4-Dimethylphenol	9.37	122	238340	42.854	ng		97
28) bis(2-Chloroethoxy)methane	9.60	93	349367	38.545	ng		99
29) 2,4-Dichlorophenol	9.82	162	252314	41.348	ng		97
30) 1,2,4-Trichlorobenzene	10.03	180	263896	39.438	ng		99
31) Naphthalene	10.20	128	814470	38.709	ng		100
32) Benzoic acid	9.54	122	174417	39.967	ng		98
33) 4-Chloroaniline	10.33	127	127542	13.898	ng		98
34) Hexachlorobutadiene	10.50	225	166778	39.480	ng		98
35) Caprolactam	11.12	113	78829m	36.769	ng		
36) 4-Chloro-3-methylphenol	11.47	107	296816	39.917	ng		100
37) 2-Methylnaphthalene	11.83	142	588005	39.217	ng		99
38) 1-Methylnaphthalene	12.06	142	559076	39.362	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.22	216	303189	41.535	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.19	237	358993	83.455	ng	99
43) 2,4,6-Trichlorophenol	12.47	196	203985	41.286	ng	98
44) 2,4,5-Trichlorophenol	12.55	196	217738	37.967	ng	100
46) 1,1'-Biphenyl	12.87	154	732724	40.757	ng	99
47) 2-Chloronaphthalene	12.91	162	573542	39.276	ng	99
48) 2-Nitroaniline	13.13	65	218142	37.693	ng	100
49) Acenaphthylene	13.77	152	917990	39.304	ng	99
50) Dimethylphthalate	13.53	163	895883	47.765	ng	100
51) 2,6-Dinitrotoluene	13.65	165	160510	38.999	ng	99
52) Acenaphthene	14.12	154	546975	39.010	ng	99
53) 3-Nitroaniline	13.97	138	106139	23.159	ng	96
54) 2,4-Dinitrophenol	14.19	184	192568	76.984	ng	99
55) Dibenzofuran	14.46	168	881952	39.039	ng	100
56) 4-Nitrophenol	14.31	139	285743	78.621	ng	98
57) 2,4-Dinitrotoluene	14.45	165	225290	39.368	ng	99
58) Fluorene	15.11	166	717090	39.078	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.70	232	204107	41.609	ng	99
60) Diethylphthalate	14.91	149	739317	38.699	ng	100
61) 4-Chlorophenyl-phenylether	15.12	204	367336	37.740	ng	99
62) 4-Nitroaniline	15.15	138	174551	35.713	ng	98
63) Azobenzene	15.41	77	820701	39.264	ng	99
65) 4,6-Dinitro-2-methylphenol	15.22	198	133347	39.046	ng	99
66) n-Nitrosodiphenylamine	15.33	169	632205	38.859	ng	100
67) 4-Bromophenyl-phenylether	16.01	248	226208	36.589	ng	99
68) Hexachlorobenzene	16.12	284	248557	38.529	ng	98
69) Atrazine	16.30	200	207907	42.775	ng	99
70) Pentachlorophenol	16.47	266	315081	81.105	ng	100
71) Phenanthrene	16.85	178	1125877	38.497	ng	100
72) Anthracene	16.94	178	1151923	39.465	ng	99
73) Carbazole	17.22	167	1042086	37.648	ng	99
74) Di-n-butylphthalate	17.80	149	1298374	39.775	ng	100
75) Fluoranthene	18.87	202	1357290	40.480	ng	99
77) Benzidine	19.08	184	667262	53.598	ng	100
78) Pyrene	19.24	202	1375343	34.730	ng	100
80) Butylbenzylphthalate	20.17	149	584091	36.474	ng	97
81) Benzo(a)anthracene	21.00	228	1371498	38.123	ng	100
82) 3,3'-Dichlorobenzidine	20.94	252	406373	36.510	ng	98
83) Chrysene	21.05	228	1335231	38.947	ng	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	884645	38.742	ng	99
85) Di-n-octyl phthalate	21.81	149	1528676	43.398	ng	99
87) Indeno(1,2,3-cd)pyrene	25.14	276	1588617	43.942	ng	100
88) Benzo(b)fluoranthene	22.49	252	1372850	36.516	ng	100
89) Benzo(k)fluoranthene	22.53	252	1402997	38.412	ng	99
90) Benzo(a)pyrene	23.02	252	1268304	37.984	ng	99
91) Dibenzo(a,h)anthracene	25.16	278	1341133	44.435	ng	100
92) Benzo(g,h,i)perylene	25.76	276	1291136	44.955	ng	99

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

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