Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061920\
Data File : BM026469.D
Acq On : 19 Jun 2020 16:34
Operator : JU/CG
Sample : L1161-07
Misc : LOD-MDL-W-8PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Manual Integrations APPROVED
mohammad
6/22/2020 3:23:22 PM

Quant Time: Jun 20 06:29:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 16:24:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	106227	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	459398	20.00	ng		0.00
39) Acenaphthene-d10	14.05	164	315998	20.00	ng		0.00
64) Phenanthrene-d10	16.80	188	706028	20.00	ng		0.00
76) Chrysene-d12	21.01	240	691363	20.00	ng		0.00
86) Perylene-d12	23.10	264	650389	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.02	112	952106	158.47	ng		0.00
7) Phenol-d6	6.60	99	1434686	164.90	ng		0.00
23) Nitrobenzene-d5	8.54	82	1065220	113.85	ng		0.00
42) 2,4,6-Tribromophenol	15.55	330	750958	196.18	ng		0.00
45) 2-Fluorobiphenyl	12.66	172	2377698	114.22	ng		0.00
79) Terphenyl-d14	19.46	244	4102649	115.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	19908	7.349	ng		92
3) Pyridine	3.41	79	46186	5.805	ng		97
4) n-Nitrosodimethylamine	3.32	42	30033	7.624	ng		80
6) Aniline	6.73	93	83294	7.299	ng		94
8) 2-Chlorophenol	6.96	128	52608	7.591	ng		94
9) Benzaldehyde	6.55	77	51253	9.239	ng		96
10) Phenol	6.62	94	67673	7.304	ng		93
11) bis(2-Chloroethyl)ether	6.83	93	55892	7.489	ng		95
12) 1,3-Dichlorobenzene	7.28	146	55771	7.269	ng		98
13) 1,4-Dichlorobenzene	7.42	146	57680	7.380	ng		100
14) 1,2-Dichlorobenzene	7.73	146	55563	7.278	ng		92
15) Benzyl Alcohol	7.64	79	50652	6.856	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.92	45	105377	7.561	ng		98
17) 2-Methylphenol	7.85	107	43707	6.454	ng		95
18) Hexachloroethane	8.44	117	21451	7.248	ng		96
19) n-Nitroso-di-n-propylamine	8.20	70	53509	7.893	ng		93
20) 3+4-Methylphenols	8.18	107	60207	6.523	ng		99
22) Acetophenone	8.20	105	92020	7.790	ng	#	93
24) Nitrobenzene	8.58	77	79205	8.087	ng		96
25) Isophorone	9.10	82	134907	7.675	ng		99
26) 2-Nitrophenol	9.28	139	26016	6.712	ng		91
27) 2,4-Dimethylphenol	9.36	122	38886	6.355	ng		99
28) bis(2-Chloroethoxy)methane	9.59	93	78100	7.831	ng		95
29) 2,4-Dichlorophenol	9.82	162	46862	6.980	ng		97
30) 1,2,4-Trichlorobenzene	10.02	180	56029	7.610	ng		98
31) Naphthalene	10.19	128	176969	7.644	ng		97
32) Benzoic acid	9.47	122	13914m	3.060	ng		
33) 4-Chloroaniline	10.33	127	67947	6.729	ng		99
34) Hexachlorobutadiene	10.49	225	34992	7.529	ng		97
35) Caprolactam	11.10	113	17772	7.534	ng		93
36) 4-Chloro-3-methylphenol	11.46	107	60657	7.414	ng		96
37) 2-Methylnaphthalene	11.82	142	131215	7.954	ng		97
38) 1-Methylnaphthalene	12.05	142	128222m	8.205	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.20	216	70445	7.831	ng		99

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Quant Time: Jun 20 06:29:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 16:24:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.18	237	18187	3.431	ng		97
43) 2,4,6-Trichlorophenol	12.46	196	41888	6.880	ng		98
44) 2,4,5-Trichlorophenol	12.54	196	45921	6.498	ng		98
46) 1,1'-Biphenyl	12.86	154	181152	8.177	ng		99
47) 2-Chloronaphthalene	12.90	162	133269	7.406	ng		98
48) 2-Nitroaniline	13.12	65	44953	6.303	ng		92
49) Acenaphthylene	13.76	152	216732	7.530	ng		99
50) Dimethylphthalate	13.52	163	176383	7.631	ng		99
51) 2,6-Dinitrotoluene	13.63	165	36808	7.257	ng		94
52) Acenaphthene	14.10	154	130896	7.576	ng		98
53) 3-Nitroaniline	13.97	138	32024	5.670	ng		93
54) 2,4-Dinitrophenol	14.19	184	11862	3.848	ng		94
55) Dibenzofuran	14.45	168	211980	7.614	ng		100
56) 4-Nitrophenol	14.31	139	20736	4.630	ng		95
57) 2,4-Dinitrotoluene	14.43	165	49277	6.988	ng	#	90
58) Fluorene	15.10	166	171774	7.596	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.69	232	44356	7.338	ng		99
60) Diethylphthalate	14.90	149	179349	7.618	ng		99
61) 4-Chlorophenyl-phenylether	15.11	204	90138	7.515	ng		96
62) 4-Nitroaniline	15.14	138	31144m	5.171	ng		
63) Azobenzene	15.40	77	197413	7.664	ng		99
65) 4,6-Dinitro-2-methylphenol	15.21	198	22671	5.281	ng		93
66) n-Nitrosodiphenylamine	15.33	169	152779	7.470	ng		99
67) 4-Bromophenyl-phenylether	16.00	248	55511	7.142	ng		96
68) Hexachlorobenzene	16.11	284	62491	7.705	ng		98
69) Atrazine	16.29	200	59000	9.656	ng		99
70) Pentachlorophenol	16.47	266	25384	5.197	ng		95
71) Phenanthrene	16.84	178	281162	7.647	ng		99
72) Anthracene	16.93	178	276010	7.522	ng		99
73) Carbazole	17.21	167	242107	6.958	ng		99
74) Di-n-butylphthalate	17.80	149	296456	7.224	ng		99
75) Fluoranthene	18.87	202	331822	7.872	ng		99
77) Benzidine	19.07	184	108496	7.555	ng		99
78) Pyrene	19.23	202	343678	7.523	ng		99
80) Butylbenzylphthalate	20.17	149	132023	7.147	ng		96
81) Benzo(a)anthracene	21.00	228	337924	8.143	ng		99
82) 3,3'-Dichlorobenzidine	20.94	252	118752	9.249	ng		99
83) Chrysene	21.05	228	325274	8.225	ng		98
84) Bis(2-ethylhexyl)phthalate	20.96	149	199194	7.563	ng		99
85) Di-n-octyl phthalate	21.81	149	319117	7.854	ng		98
87) Indeno(1,2,3-cd)pyrene	25.13	276	270922	7.201	ng		99
88) Benzo(b)fluoranthene	22.49	252	304841	7.792	ng		99
89) Benzo(k)fluoranthene	22.53	252	295139	7.765	ng		98
90) Benzo(a)pyrene	23.01	252	252524	7.267	ng		99
91) Dibenzo(a,h)anthracene	25.14	278	226618	7.215	ng		98
92) Benzo(g,h,i)perylene	25.75	276	221705	7.418	ng		99

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

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