Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070820\
Data File : BM026694.D
Acq On : 08 Jul 2020 01:45
Operator : JU/CG
Sample : L3216-07
Misc : LOD-MDL-W-8PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/9/2020 10:56:56 AM

Quant Time: Jul 08 06:15:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 05:15:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	60977	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	274144	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	190056	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	444630	20.00	ng		0.00
76) Chrysene-d12	20.96	240	541570	20.00	ng		-0.01
86) Perylene-d12	23.03	264	567561	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	634942	174.53	ng		0.00
7) Phenol-d6	6.54	99	950302	163.95	ng		0.00
23) Nitrobenzene-d5	8.48	82	1004961	156.40	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	535619	193.47	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	2256497	157.86	ng		0.00
79) Terphenyl-d14	19.42	244	4266678	155.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	15305	8.756	ng		92
3) Pyridine	3.36	79	28617	5.724	ng	#	93
4) n-Nitrosodimethylamine	3.27	42	21253	7.102	ng		97
6) Aniline	6.67	93	54355	7.640	ng		96
8) 2-Chlorophenol	6.90	128	33405	7.708	ng		97
9) Benzaldehyde	6.49	77	36453	11.332	ng		94
10) Phenol	6.56	94	42745	7.462	ng		95
11) bis(2-Chloroethyl)ether	6.78	93	33608	7.016	ng		91
12) 1,3-Dichlorobenzene	7.22	146	35666	7.571	ng		98
13) 1,4-Dichlorobenzene	7.36	146	35634	7.432	ng		98
14) 1,2-Dichlorobenzene	7.67	146	36088	7.555	ng		98
15) Benzyl Alcohol	7.59	79	33186	6.691	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	73860	7.471	ng		98
17) 2-Methylphenol	7.79	107	29364	6.745	ng		96
18) Hexachloroethane	8.37	117	14405	7.564	ng		92
19) n-Nitroso-di-n-propylamine	8.14	70	35493	7.359	ng		98
20) 3+4-Methylphenols	8.12	107	37308	6.233	ng		94
22) Acetophenone	8.15	105	60969	7.826	ng	#	93
24) Nitrobenzene	8.52	77	53808	7.960	ng		98
25) Isophorone	9.05	82	89301	7.247	ng		99
26) 2-Nitrophenol	9.22	139	16284	6.527	ng		97
27) 2,4-Dimethylphenol	9.30	122	31685	7.810	ng		95
28) bis(2-Chloroethoxy)methane	9.53	93	50132	7.364	ng		99
29) 2,4-Dichlorophenol	9.76	162	30505	6.827	ng		99
30) 1,2,4-Trichlorobenzene	9.96	180	36924	7.408	ng		99
31) Naphthalene	10.13	128	115123	7.550	ng		98
32) Benzoic acid	9.42	122	8728m	2.835	ng		
33) 4-Chloroaniline	10.27	127	45582	6.834	ng		97
34) Hexachlorobutadiene	10.42	225	24225	7.338	ng		97
35) Caprolactam	11.05	113	10659	6.735	ng		94
36) 4-Chloro-3-methylphenol	11.40	107	39486	6.992	ng		96
37) 2-Methylnaphthalene	11.76	142	85358	7.557	ng		97
38) 1-Methylnaphthalene	11.98	142	82012	7.579	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	47157	7.675	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	15439	5.266	ng		96
43) 2,4,6-Trichlorophenol	12.40	196	25934	6.444	ng		96
44) 2,4,5-Trichlorophenol	12.49	196	29874	6.317	ng		96
46) 1,1'-Biphenyl	12.81	154	122553	8.163	ng		99
47) 2-Chloronaphthalene	12.85	162	87802	7.240	ng		98
48) 2-Nitroaniline	13.07	65	30202	6.051	ng		96
49) Acenaphthylene	13.70	152	142397	7.345	ng		99
50) Dimethylphthalate	13.47	163	117867	7.251	ng		100
51) 2,6-Dinitrotoluene	13.58	165	24093	6.921	ng		95
52) Acenaphthene	14.05	154	86661	7.355	ng		98
53) 3-Nitroaniline	13.92	138	20768	5.735	ng	#	93
54) 2,4-Dinitrophenol	14.15	184	6738	3.307	ng	#	84
55) Dibenzofuran	14.39	168	143082	7.406	ng		99
56) 4-Nitrophenol	14.26	139	13327	4.690	ng		94
57) 2,4-Dinitrotoluene	14.39	165	32279	6.425	ng	#	85
58) Fluorene	15.05	166	113356	7.087	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	30054	7.277	ng		99
60) Diethylphthalate	14.85	149	123097	7.161	ng		98
61) 4-Chlorophenyl-phenylether	15.06	204	61920	7.145	ng		98
62) 4-Nitroaniline	15.09	138	16668	4.410	ng		96
63) Azobenzene	15.35	77	137624	7.289	ng		98
65) 4,6-Dinitro-2-methylphenol	15.16	198	15040	4.976	ng		94
66) n-Nitrosodiphenylamine	15.27	169	100217	7.093	ng		98
67) 4-Bromophenyl-phenylether	15.95	248	37865	6.842	ng		98
68) Hexachlorobenzene	16.06	284	42980	7.379	ng		95
69) Atrazine	16.24	200	37787	8.893	ng		98
70) Pentachlorophenol	16.42	266	19026	5.774	ng		95
71) Phenanthrene	16.79	178	193090	7.356	ng		99
72) Anthracene	16.88	178	192654	7.373	ng		99
73) Carbazole	17.16	167	167920	6.740	ng		99
74) Di-n-butylphthalate	17.74	149	213325	6.810	ng		99
75) Fluoranthene	18.82	202	237204	7.337	ng		99
77) Benzidine	19.03	184	94159	8.819	ng		97
78) Pyrene	19.19	202	247179	7.245	ng		99
80) Butylbenzylphthalate	20.13	149	98862	6.458	ng		93
81) Benzo(a)anthracene	20.95	228	270777	7.443	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	91234	7.902	ng		99
83) Chrysene	21.00	228	259981	7.343	ng		98
84) Bis(2-ethylhexyl)phthalate	20.92	149	161204	6.573	ng		99
85) Di-n-octyl phthalate	21.76	149	270688	6.457	ng		96
87) Indeno(1,2,3-cd)pyrene	25.03	276	308807	7.643	ng		99
88) Benzo(b)fluoranthene	22.43	252	280282	7.495	ng		99
89) Benzo(k)fluoranthene	22.47	252	267152	7.283	ng		97
90) Benzo(a)pyrene	22.94	252	247538	7.130	ng		100
91) Dibenzo(a,h)anthracene	25.04	278	263539	7.726	ng		98
92) Benzo(g,h,i)perylene	25.64	276	257775	8.202	ng		97

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

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