Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026706.D
Acq On : 08 Jul 2020 15:59
Operator : JU/CG
Sample : L3216-07
Misc : LOD-MDL-WTR-4PPM
ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 11:00:06 AM

Quant Time: Jul 08 16:32:44 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 13:13:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	45230	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	189387	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	124659	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	294945	20.00	ng		0.00
76) Chrysene-d12	20.96	240	370102	20.00	ng		0.00
86) Perylene-d12	23.03	264	423656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	413140	153.10	ng		0.00
7) Phenol-d6	6.53	99	590553	137.36	ng		0.00
23) Nitrobenzene-d5	8.47	82	327296	73.73	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	280488	154.46	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	683921	72.95	ng		0.00
79) Terphenyl-d14	19.41	244	1051962	55.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	7841	6.047	ng	#	84
3) Pyridine	3.39	79	10836m	2.922	ng		
4) n-Nitrosodimethylamine	3.29	42	8150	3.672	ng	#	75
6) Aniline	6.67	93	17462	3.309	ng		99
8) 2-Chlorophenol	6.90	128	11012	3.426	ng		95
9) Benzaldehyde	6.49	77	13036	5.463	ng		91
10) Phenol	6.56	94	14855	3.496	ng	#	76
11) bis(2-Chloroethyl)ether	6.77	93	11967	3.368	ng		94
12) 1,3-Dichlorobenzene	7.22	146	12250	3.506	ng		95
13) 1,4-Dichlorobenzene	7.36	146	12725	3.578	ng		99
14) 1,2-Dichlorobenzene	7.67	146	12338	3.482	ng		97
15) Benzyl Alcohol	7.59	79	8741	2.376	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.87	45	23108	3.151	ng		93
17) 2-Methylphenol	7.79	107	8634	2.674	ng	#	93
18) Hexachloroethane	8.37	117	5021	3.555	ng		95
19) n-Nitroso-di-n-propylamine	8.14	70	9729	2.720	ng	#	95
20) 3+4-Methylphenols	8.12	107	11170	2.516	ng		94
22) Acetophenone	8.16	105	18387	3.416	ng	#	97
24) Nitrobenzene	8.52	77	16750	3.587	ng		95
25) Isophorone	9.05	82	25278	2.970	ng		99
26) 2-Nitrophenol	9.23	139	4113	2.386	ng		90
27) 2,4-Dimethylphenol	9.30	122	8762	3.126	ng		98
28) bis(2-Chloroethoxy)methane	9.55	93	14095	2.997	ng		99
29) 2,4-Dichlorophenol	9.78	162	7599	2.462	ng		93
30) 1,2,4-Trichlorobenzene	9.95	180	11616	3.373	ng		97
31) Naphthalene	10.13	128	35578	3.378	ng		96
32) Benzoic acid	9.46	122	681	0.320	ng	#	64
33) 4-Chloroaniline	10.27	127	12438	2.699	ng		94
34) Hexachlorobutadiene	10.42	225	7656	3.357	ng		90
35) Caprolactam	11.06	113	2123	1.942	ng	#	87
36) 4-Chloro-3-methylphenol	11.42	107	10640	2.727	ng	#	93
37) 2-Methylnaphthalene	11.76	142	24950	3.198	ng		97
38) 1-Methylnaphthalene	11.98	142	24899	3.331	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	13918	3.454	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	2552	1.327	ng		85
43) 2,4,6-Trichlorophenol	12.41	196	6812	2.580	ng		95
44) 2,4,5-Trichlorophenol	12.49	196	7372	2.376	ng	#	84
46) 1,1'-Biphenyl	12.81	154	37110	3.769	ng		96
47) 2-Chloronaphthalene	12.84	162	26350	3.313	ng		97
48) 2-Nitroaniline	13.08	65	7437	2.272	ng		96
49) Acenaphthylene	13.70	152	38617	3.037	ng		95
50) Dimethylphthalate	13.46	163	35626	3.341	ng		98
51) 2,6-Dinitrotoluene	13.59	165	6420	2.812	ng		93
52) Acenaphthene	14.05	154	25776	3.335	ng		97
53) 3-Nitroaniline	13.93	138	4668	1.965	ng		95
54) 2,4-Dinitrophenol	14.17	184	918m	0.687	ng		
55) Dibenzofuran	14.39	168	41713	3.292	ng		97
56) 4-Nitrophenol	14.31	139	1366	0.733	ng	#	77
57) 2,4-Dinitrotoluene	14.39	165	7201	2.185	ng	#	63
58) Fluorene	15.05	166	33367	3.180	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.64	232	7723	2.851	ng	#	92
60) Diethylphthalate	14.85	149	35300	3.131	ng		97
61) 4-Chlorophenyl-phenylether	15.06	204	18014	3.169	ng		97
62) 4-Nitroaniline	15.10	138	3591m	1.449	ng		
63) Azobenzene	15.35	77	35556	2.871	ng		93
65) 4,6-Dinitro-2-methylphenol	15.17	198	3136	1.564	ng	#	72
66) n-Nitrosodiphenylamine	15.27	169	28367	3.027	ng		93
67) 4-Bromophenyl-phenylether	15.95	248	10584	2.883	ng		98
68) Hexachlorobenzene	16.06	284	12516	3.239	ng		97
69) Atrazine	16.25	200	10436	3.703	ng		98
70) Pentachlorophenol	16.43	266	4270	1.953	ng		93
71) Phenanthrene	16.79	178	58259	3.346	ng		100
72) Anthracene	16.88	178	53606	3.093	ng		96
73) Carbazole	17.17	167	44160	2.672	ng		99
74) Di-n-butylphthalate	17.74	149	52135	2.509	ng		98
75) Fluoranthene	18.82	202	68275	3.184	ng		98
77) Benzidine	19.03	184	17554	2.406	ng	#	94
78) Pyrene	19.19	202	71338	3.060	ng		99
80) Butylbenzylphthalate	20.13	149	24498	2.342	ng		89
81) Benzo(a)anthracene	20.95	228	82215	3.307	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	23371	2.962	ng	#	98
83) Chrysene	21.00	228	81632	3.374	ng		98
84) Bis(2-ethylhexyl)phthalate	20.92	149	40294	2.404	ng		100
85) Di-n-octyl phthalate	21.76	149	70153	2.449	ng		96
87) Indeno(1,2,3-cd)pyrene	25.04	276	111059	3.682	ng		99
88) Benzo(b)fluoranthene	22.43	252	85786	3.073	ng		99
89) Benzo(k)fluoranthene	22.47	252	92117	3.364	ng		98
90) Benzo(a)pyrene	22.94	252	78216	3.018	ng		98
91) Dibenzo(a,h)anthracene	25.05	278	94499	3.712	ng		97
92) Benzo(g,h,i)perylene	25.64	276	96592	4.117	ng		99

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

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