Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026721.D
Acq On : 09 Jul 2020 16:24
Operator : JU/CG
Sample : L3216-09
Misc : MDL-WATER-4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:36 AM

Quant Time: Jul 09 16:59:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 09 11:30:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	64789	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	287919	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	198766	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	471592	20.00	ng		0.00
76) Chrysene-d12	20.96	240	588093	20.00	ng		0.00
86) Perylene-d12	23.04	264	628981	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	579950	150.03	ng		0.00
7) Phenol-d6	6.53	99	852512	138.42	ng		0.00
23) Nitrobenzene-d5	8.47	82	501830	74.36	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	466143	160.99	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	1097507	73.42	ng		0.00
79) Terphenyl-d14	19.41	244	1704607	57.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	7889	4.248	ng	#	93
3) Pyridine	3.38	79	15741m	2.963	ng		
4) n-Nitrosodimethylamine	3.28	42	11583	3.643	ng	#	95
6) Aniline	6.67	93	25622	3.390	ng		98
8) 2-Chlorophenol	6.90	128	16585	3.602	ng		98
9) Benzaldehyde	6.49	77	18468	5.403	ng		95
10) Phenol	6.56	94	21083	3.464	ng		81
11) bis(2-Chloroethyl)ether	6.78	93	17110	3.362	ng		99
12) 1,3-Dichlorobenzene	7.22	146	16748m	3.346	ng		
13) 1,4-Dichlorobenzene	7.36	146	17775	3.489	ng		94
14) 1,2-Dichlorobenzene	7.67	146	17456	3.440	ng		96
15) Benzyl Alcohol	7.59	79	14247	2.704	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.87	45	36316	3.457	ng		98
17) 2-Methylphenol	7.79	107	12960	2.802	ng		95
18) Hexachloroethane	8.37	117	7009	3.464	ng	#	87
19) n-Nitroso-di-n-propylamine	8.14	70	15555	3.036	ng	#	95
20) 3+4-Methylphenols	8.12	107	17528	2.756	ng		94
22) Acetophenone	8.15	105	29131	3.560	ng	#	93
24) Nitrobenzene	8.52	77	23915	3.368	ng		97
25) Isophorone	9.04	82	40776	3.151	ng		97
26) 2-Nitrophenol	9.22	139	7144	2.726	ng		99
27) 2,4-Dimethylphenol	9.31	122	13516	3.172	ng		87
28) bis(2-Chloroethoxy)methane	9.53	93	22633	3.166	ng		99
29) 2,4-Dichlorophenol	9.77	162	13179	2.808	ng		100
30) 1,2,4-Trichlorobenzene	9.96	180	17289	3.303	ng		98
31) Naphthalene	10.13	128	54603	3.410	ng		97
32) Benzoic acid	9.45	122	1596m	7.467	ng		
33) 4-Chloroaniline	10.27	127	19324	2.759	ng		99
34) Hexachlorobutadiene	10.42	225	11525	3.324	ng		99
35) Caprolactam	11.06	113	4159m	2.502	ng		
36) 4-Chloro-3-methylphenol	11.41	107	17693	2.983	ng		97
37) 2-Methylnaphthalene	11.76	142	39058	3.293	ng		91
38) 1-Methylnaphthalene	11.98	142	38705	3.406	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	21911	3.410	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	4523	7.278	ng		94
43) 2,4,6-Trichlorophenol	12.41	196	11108	2.639	ng		97
44) 2,4,5-Trichlorophenol	12.49	196	12664	2.560	ng		94
46) 1,1'-Biphenyl	12.80	154	58413	3.720	ng		97
47) 2-Chloronaphthalene	12.84	162	40566	3.198	ng		95
48) 2-Nitroaniline	13.07	65	12663	2.426	ng		86
49) Acenaphthylene	13.70	152	63616	3.137	ng		97
50) Dimethylphthalate	13.46	163	54347	3.197	ng		98
51) 2,6-Dinitrotoluene	13.58	165	10200	2.802	ng	#	79
52) Acenaphthene	14.04	154	39907	3.239	ng		97
53) 3-Nitroaniline	13.92	138	8657	2.286	ng	#	92
54) 2,4-Dinitrophenol	14.17	184	1679	6.883	ng	#	86
55) Dibenzofuran	14.39	168	66589	3.296	ng		100
56) 4-Nitrophenol	14.28	139	3392	4.889	ng	#	85
57) 2,4-Dinitrotoluene	14.39	165	12992	2.473	ng	#	84
58) Fluorene	15.04	166	51595	3.084	ng		92
59) 2,3,4,6-Tetrachlorophenol	14.63	232	13335m	3.087	ng		
60) Diethylphthalate	14.85	149	56125	3.122	ng		97
61) 4-Chlorophenyl-phenylether	15.06	204	28932	3.192	ng		95
62) 4-Nitroaniline	15.10	138	6551	4.525	ng		94
63) Azobenzene	15.34	77	60537	3.066	ng		94
65) 4,6-Dinitro-2-methylphenol	15.17	198	5168	5.887	ng		88
66) n-Nitrosodiphenylamine	15.27	169	45637	3.045	ng		97
67) 4-Bromophenyl-phenylether	15.95	248	17077	2.909	ng		92
68) Hexachlorobenzene	16.06	284	19815	3.207	ng		98
69) Atrazine	16.24	200	16440	3.648	ng		96
70) Pentachlorophenol	16.42	266	7462	2.135	ng	#	86
71) Phenanthrene	16.79	178	91667	3.293	ng		99
72) Anthracene	16.88	178	86531	3.122	ng		99
73) Carbazole	17.16	167	74590	2.823	ng		98
74) Di-n-butylphthalate	17.74	149	89423	2.691	ng		99
75) Fluoranthene	18.82	202	110178	3.213	ng		97
77) Benzidine	19.03	184	28580	2.465	ng		98
78) Pyrene	19.19	202	117239	3.165	ng		99
80) Butylbenzylphthalate	20.13	149	41748	2.511	ng		96
81) Benzo(a)anthracene	20.95	228	132965	3.366	ng		98
82) 3,3'-Dichlorobenzidine	20.90	252	38674	3.085	ng		99
83) Chrysene	21.00	228	125402	3.262	ng		98
84) Bis(2-ethylhexyl)phthalate	20.91	149	67900	2.549	ng		99
85) Di-n-octyl phthalate	21.76	149	113375	2.491	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.04	276	149710	3.343	ng		99
88) Benzo(b)fluoranthene	22.43	252	129721	3.130	ng		99
89) Benzo(k)fluoranthene	22.47	252	142207	3.498	ng		99
90) Benzo(a)pyrene	22.94	252	117113	3.044	ng		98
91) Dibenzo(a,h)anthracene	25.04	278	124851	3.303	ng		98
92) Benzo(g,h,i)perylene	25.64	276	122857	3.527	ng		99

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

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