Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026708.D
Acq On : 08 Jul 2020 17:28
Operator : JU/CG
Sample : L3216-07
Misc : LOD-MDL-WTR-8PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:59:57 AM

Quant Time: Jul 08 17:59:39 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 17:09:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	69851	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	305116	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	224904	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	536670	20.00	ng		0.00
76) Chrysene-d12	20.96	240	628711	20.00	ng		0.00
86) Perylene-d12	23.04	264	653759	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	399575	95.88	ng		0.00
7) Phenol-d6	6.53	99	607683	91.52	ng		0.00
23) Nitrobenzene-d5	8.47	82	531404	74.30	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	329116	100.46	ng		0.00
45) 2-Fluorobiphenyl	12.60	172	1172764	69.33	ng		0.00
79) Terphenyl-d14	19.41	244	1904276	59.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	16025	8.003	ng		94
3) Pyridine	3.36	79	28853	5.038	ng	#	88
4) n-Nitrosodimethylamine	3.27	42	24734	7.215	ng	#	98
6) Aniline	6.67	93	53448	6.558	ng		96
8) 2-Chlorophenol	6.90	128	33412	6.730	ng		94
9) Benzaldehyde	6.49	77	36049	9.782	ng		95
10) Phenol	6.56	94	42418	6.464	ng		92
11) bis(2-Chloroethyl)ether	6.78	93	36022	6.565	ng		94
12) 1,3-Dichlorobenzene	7.22	146	36676	6.797	ng		98
13) 1,4-Dichlorobenzene	7.36	146	36915	6.721	ng		95
14) 1,2-Dichlorobenzene	7.67	146	36384	6.650	ng		99
15) Benzyl Alcohol	7.59	79	32095	5.649	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	74252	6.556	ng		100
17) 2-Methylphenol	7.79	107	27603	5.535	ng		97
18) Hexachloroethane	8.37	117	14867	6.815	ng		95
19) n-Nitroso-di-n-propylamine	8.14	70	34593	6.262	ng	#	94
20) 3+4-Methylphenols	8.12	107	38008	5.543	ng		97
22) Acetophenone	8.15	105	59608	6.875	ng	#	93
24) Nitrobenzene	8.52	77	51523	6.848	ng		99
25) Isophorone	9.04	82	84410	6.155	ng		96
26) 2-Nitrophenol	9.22	139	15874	5.716	ng		96
27) 2,4-Dimethylphenol	9.30	122	30787	6.818	ng		99
28) bis(2-Chloroethoxy)methane	9.53	93	50884	6.716	ng		95
29) 2,4-Dichlorophenol	9.76	162	29390	5.910	ng		94
30) 1,2,4-Trichlorobenzene	9.95	180	36998	6.669	ng		92
31) Naphthalene	10.13	128	111510	6.571	ng		98
32) Benzoic acid	9.42	122	10792	3.149	ng		93
33) 4-Chloroaniline	10.27	127	43086	5.804	ng		98
34) Hexachlorobutadiene	10.42	225	23859	6.494	ng		98
35) Caprolactam	11.05	113	10138	5.755	ng	#	91
36) 4-Chloro-3-methylphenol	11.40	107	39240	6.244	ng		98
37) 2-Methylnaphthalene	11.76	142	83386	6.633	ng		98
38) 1-Methylnaphthalene	11.98	142	79550m	6.605	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.15	216	47050	6.471	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	16475	4.749	ng		97
43) 2,4,6-Trichlorophenol	12.40	196	27466	5.767	ng		98
44) 2,4,5-Trichlorophenol	12.48	196	30484	5.447	ng		96
46) 1,1'-Biphenyl	12.81	154	118549	6.673	ng		99
47) 2-Chloronaphthalene	12.84	162	87965	6.129	ng		98
48) 2-Nitroaniline	13.07	65	35550	6.019	ng		92
49) Acenaphthylene	13.70	152	143653	6.261	ng		100
50) Dimethylphthalate	13.46	163	128292	6.669	ng		100
51) 2,6-Dinitrotoluene	13.58	165	25182	6.113	ng		95
52) Acenaphthene	14.05	154	87777	6.295	ng		98
53) 3-Nitroaniline	13.92	138	21811	5.090	ng		96
54) 2,4-Dinitrophenol	14.14	184	10330	4.284	ng	#	88
55) Dibenzofuran	14.39	168	145637	6.370	ng		99
56) 4-Nitrophenol	14.26	139	16309	4.850	ng		95
57) 2,4-Dinitrotoluene	14.39	165	36819	6.193	ng		95
58) Fluorene	15.05	166	127863	6.755	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.64	232	31324	6.409	ng		99
60) Diethylphthalate	14.85	149	399293	19.630	ng	#	88
61) 4-Chlorophenyl-phenylether	15.06	204	66155	6.451	ng		98
62) 4-Nitroaniline	15.09	138	20982	4.691	ng		95
63) Azobenzene	15.35	77	145477	6.511	ng		98
65) 4,6-Dinitro-2-methylphenol	15.16	198	19760	5.416	ng	#	1
66) n-Nitrosodiphenylamine	15.27	169	106501	6.245	ng		99
67) 4-Bromophenyl-phenylether	15.95	248	39418	5.901	ng		97
68) Hexachlorobenzene	16.06	284	44531	6.334	ng		96
69) Atrazine	16.24	200	41709	8.133	ng		96
70) Pentachlorophenol	16.42	266	22728	5.714	ng		98
71) Phenanthrene	16.79	178	204699	6.461	ng		99
72) Anthracene	16.88	178	206120	6.535	ng		100
73) Carbazole	17.16	167	182479	6.069	ng		98
74) Di-n-butylphthalate	17.74	149	249075	6.588	ng		99
75) Fluoranthene	18.82	202	255217	6.540	ng		100
77) Benzidine	19.03	184	102997	8.310	ng		98
78) Pyrene	19.19	202	262167	6.619	ng		100
80) Butylbenzylphthalate	20.13	149	122092	6.870	ng		94
81) Benzo(a)anthracene	20.95	228	278966	6.606	ng		100
82) 3,3'-Dichlorobenzidine	20.90	252	104941	7.829	ng		99
83) Chrysene	21.00	228	266380	6.481	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	194984	6.848	ng		99
85) Di-n-octyl phthalate	21.76	149	323589	6.649	ng		95
87) Indeno(1,2,3-cd)pyrene	25.04	276	314054	6.748	ng		99
88) Benzo(b)fluoranthene	22.43	252	277806	6.449	ng		98
89) Benzo(k)fluoranthene	22.47	252	279596	6.617	ng		98
90) Benzo(a)pyrene	22.94	252	258898	6.474	ng		99
91) Dibenzo(a,h)anthracene	25.04	278	269640	6.863	ng		98
92) Benzo(g,h,i)perylene	25.64	276	265594	7.337	ng		98

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

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