Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071020\
Data File : BM026717.D
Acq On : 09 Jul 2020 13:51
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-WATER-10PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:51:26 AM

Quant Time: Jul 09 14:26:19 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	59221	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	265338	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	186680	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	429214	20.00	ng		0.00
76) Chrysene-d12	20.96	240	532037	20.00	ng		0.00
86) Perylene-d12	23.03	264	557523	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	365086	103.33	ng		0.00
7) Phenol-d6	6.53	99	558075	99.14	ng		0.00
23) Nitrobenzene-d5	8.47	82	470261	75.61	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	278555	102.43	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	1022366	72.82	ng		0.00
79) Terphenyl-d14	19.41	244	1555621	57.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	18954	11.165	ng		99
3) Pyridine	3.36	79	34533	7.112	ng		97
4) n-Nitrosodimethylamine	3.26	42	25927	8.921	ng	#	97
6) Aniline	6.67	93	62997	9.118	ng		97
8) 2-Chlorophenol	6.90	128	37644	8.944	ng		98
9) Benzaldehyde	6.49	77	40782	13.053	ng		94
10) Phenol	6.56	94	50012	8.989	ng		89
11) bis(2-Chloroethyl)ether	6.77	93	39151	8.416	ng		98
12) 1,3-Dichlorobenzene	7.22	146	40854	8.930	ng		98
13) 1,4-Dichlorobenzene	7.36	146	42249	9.073	ng		98
14) 1,2-Dichlorobenzene	7.67	146	39865	8.594	ng		99
15) Benzyl Alcohol	7.58	79	38522	7.998	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.86	45	84473	8.798	ng		100
17) 2-Methylphenol	7.79	107	32517	7.690	ng		95
18) Hexachloroethane	8.37	117	16471	8.906	ng		97
19) n-Nitroso-di-n-propylamine	8.14	70	39290	8.388	ng		98
20) 3+4-Methylphenols	8.12	107	43750	7.526	ng		99
22) Acetophenone	8.15	105	69094	9.163	ng		94
24) Nitrobenzene	8.52	77	59647	9.116	ng		99
25) Isophorone	9.04	82	98440	8.254	ng		97
26) 2-Nitrophenol	9.22	139	18717	7.751	ng		92
27) 2,4-Dimethylphenol	9.30	122	36175	9.212	ng		98
28) bis(2-Chloroethoxy)methane	9.53	93	57147	8.674	ng		99
29) 2,4-Dichlorophenol	9.76	162	34877	8.065	ng		97
30) 1,2,4-Trichlorobenzene	9.95	180	41635	8.630	ng		96
31) Naphthalene	10.13	128	127671	8.651	ng		99
32) Benzoic acid	9.42	122	9453	9.462	ng		87
33) 4-Chloroaniline	10.26	127	52700	8.163	ng		98
34) Hexachlorobutadiene	10.42	225	27184	8.508	ng		98
35) Caprolactam	11.05	113	10713	6.993	ng	#	87
36) 4-Chloro-3-methylphenol	11.40	107	46437	8.496	ng		95
37) 2-Methylnaphthalene	11.76	142	94725	8.665	ng		96
38) 1-Methylnaphthalene	11.98	142	90883	8.677	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	53293	8.831	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	18383	11.130	ng	98
43) 2,4,6-Trichlorophenol	12.40	196	30623	7.746	ng	94
44) 2,4,5-Trichlorophenol	12.48	196	33045	7.114	ng	98
46) 1,1'-Biphenyl	12.80	154	134682	9.134	ng	97
47) 2-Chloronaphthalene	12.84	162	97700	8.202	ng	99
48) 2-Nitroaniline	13.07	65	34233	6.983	ng	97
49) Acenaphthylene	13.70	152	158234	8.309	ng	98
50) Dimethylphthalate	13.46	163	132523	8.300	ng	100
51) 2,6-Dinitrotoluene	13.58	165	27513	8.047	ng	95
52) Acenaphthene	14.05	154	95256	8.231	ng	96
53) 3-Nitroaniline	13.92	138	23999	6.747	ng	97
54) 2,4-Dinitrophenol	14.15	184	8872	9.721	ng	95
55) Dibenzofuran	14.39	168	158603	8.358	ng	99
56) 4-Nitrophenol	14.26	139	16052	8.836	ng	95
57) 2,4-Dinitrotoluene	14.39	165	37933	7.687	ng	90
58) Fluorene	15.05	166	125764	8.005	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	33547	8.269	ng	99
60) Diethylphthalate	14.85	149	136500	8.085	ng	100
61) 4-Chlorophenyl-phenylether	15.05	204	68211	8.013	ng	99
62) 4-Nitroaniline	15.09	138	25428m	8.859	ng	
63) Azobenzene	15.35	77	151266	8.157	ng	96
65) 4,6-Dinitro-2-methylphenol	15.16	198	17408	9.541	ng	90
66) n-Nitrosodiphenylamine	15.27	169	111466	8.172	ng	98
67) 4-Bromophenyl-phenylether	15.95	248	41170	7.706	ng	99
68) Hexachlorobenzene	16.06	284	47515	8.450	ng	98
69) Atrazine	16.24	200	41440	10.103	ng	99
70) Pentachlorophenol	16.42	266	21324	6.704	ng	98
71) Phenanthrene	16.79	178	213661	8.432	ng	99
72) Anthracene	16.88	178	213549	8.466	ng	99
73) Carbazole	17.16	167	191357	7.957	ng	100
74) Di-n-butylphthalate	17.74	149	231946	7.670	ng	100
75) Fluoranthene	18.82	202	265090	8.494	ng	99
77) Benzidine	19.03	184	107606	10.259	ng	98
78) Pyrene	19.18	202	277967	8.294	ng	98
80) Butylbenzylphthalate	20.12	149	110956	7.377	ng	96
81) Benzo(a)anthracene	20.95	228	305315	8.543	ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	104034	9.172	ng	99
83) Chrysene	21.00	228	299534	8.611	ng	99
84) Bis(2-ethylhexyl)phthalate	20.92	149	178710	7.417	ng	99
85) Di-n-octyl phthalate	21.76	149	300722	7.302	ng	97
87) Indeno(1,2,3-cd)pyrene	25.03	276	342075	8.619	ng	99
88) Benzo(b)fluoranthene	22.43	252	311395	8.477	ng	99
89) Benzo(k)fluoranthene	22.47	252	313573	8.702	ng	99
90) Benzo(a)pyrene	22.94	252	279209	8.187	ng	99
91) Dibenzo(a,h)anthracene	25.04	278	288227	8.602	ng	99
92) Benzo(g,h,i)perylene	25.64	276	279562	9.056	ng	97

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

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