Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026705.D
Acq On : 08 Jul 2020 15:22
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-WATER-10PPM
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/9/2020 10:59:52 AM

Quant Time: Jul 08 15:57:59 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	7.32	152	40115	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	173983	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	119196	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	283064	20.00	ng		0.00
76) Chrysene-d12	20.96	240	367856	20.00	ng		0.00
86) Perylene-d12	23.03	264	422611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	250803	104.79	ng		0.00
7) Phenol-d6	6.53	99	379634	99.56	ng		0.00
23) Nitrobenzene-d5	8.47	82	307270	75.35	ng		0.00
42) 2,4,6-Tribromophenol	15.49	330	176147	101.45	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	644758	71.92	ng		0.00
79) Terphenyl-d14	19.41	244	1051084	56.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	15330	13.331	ng		93
3) Pyridine	3.37	79	24162m	7.346	ng		
4) n-Nitrosodimethylamine	3.27	42	18697	9.497	ng	#	97
6) Aniline	6.67	93	42288	9.035	ng		99
8) 2-Chlorophenol	6.90	128	24759	8.684	ng		91
9) Benzaldehyde	6.49	77	38567	18.223	ng		93
10) Phenol	6.56	94	33519	8.894	ng		86
11) bis(2-Chloroethyl)ether	6.77	93	25385	8.056	ng		98
12) 1,3-Dichlorobenzene	7.22	146	28486	9.192	ng		93
13) 1,4-Dichlorobenzene	7.36	146	28881	9.156	ng		98
14) 1,2-Dichlorobenzene	7.67	146	27864	8.867	ng		95
15) Benzyl Alcohol	7.59	79	24340	7.460	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.86	45	54712	8.412	ng		99
17) 2-Methylphenol	7.79	107	21783	7.605	ng		99
18) Hexachloroethane	8.37	117	11082	8.846	ng		92
19) n-Nitroso-di-n-propylamine	8.14	70	24607	7.756	ng	#	91
20) 3+4-Methylphenols	8.12	107	29173	7.409	ng		93
22) Acetophenone	8.15	105	69131	13.983	ng	#	95
24) Nitrobenzene	8.52	77	38477	8.969	ng		99
25) Isophorone	9.04	82	62635	8.010	ng		96
26) 2-Nitrophenol	9.22	139	10738	6.781	ng	#	78
27) 2,4-Dimethylphenol	9.30	122	23494	9.125	ng		97
28) bis(2-Chloroethoxy)methane	9.53	93	35580	8.236	ng		99
29) 2,4-Dichlorophenol	9.76	162	21953	7.742	ng		97
30) 1,2,4-Trichlorobenzene	9.95	180	28247	8.929	ng		91
31) Naphthalene	10.13	128	84783	8.762	ng		97
32) Benzoic acid	9.42	122	12015	6.149	ng		93
33) 4-Chloroaniline	10.26	127	33711	7.964	ng		97
34) Hexachlorobutadiene	10.42	225	17301	8.258	ng		95
35) Caprolactam	11.04	113	6684	6.654	ng	#	89
36) 4-Chloro-3-methylphenol	11.40	107	28104	7.842	ng		99
37) 2-Methylnaphthalene	11.76	142	60859	8.490	ng		98
38) 1-Methylnaphthalene	11.98	142	59360	8.643	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	55681	14.450	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	9974	5.425	ng		89
43) 2,4,6-Trichlorophenol	12.40	196	18103	7.172	ng		96
44) 2,4,5-Trichlorophenol	12.48	196	20981	7.074	ng		96
46) 1,1'-Biphenyl	12.80	154	138690	14.730	ng		96
47) 2-Chloronaphthalene	12.84	162	62982	8.281	ng		99
48) 2-Nitroaniline	13.07	65	20878	6.670	ng		98
49) Acenaphthylene	13.70	152	100060	8.229	ng		100
50) Dimethylphthalate	13.46	163	86582	8.492	ng		100
51) 2,6-Dinitrotoluene	13.58	165	16602	7.604	ng	#	82
52) Acenaphthene	14.05	154	62080	8.401	ng		96
53) 3-Nitroaniline	13.92	138	15148	6.670	ng		95
54) 2,4-Dinitrophenol	14.15	184	8698	6.807	ng		98
55) Dibenzofuran	14.39	168	100660	8.308	ng		97
56) 4-Nitrophenol	14.27	139	9806	5.502	ng		91
57) 2,4-Dinitrotoluene	14.39	165	22948	7.283	ng		89
58) Fluorene	15.04	166	81304	8.105	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.63	232	21531	8.312	ng		98
60) Diethylphthalate	14.85	149	87942	8.157	ng		98
61) 4-Chlorophenyl-phenylether	15.05	204	42919	7.897	ng		99
62) 4-Nitroaniline	15.10	138	14107m	5.951	ng		
63) Azobenzene	15.34	77	96463	8.147	ng		95
65) 4,6-Dinitro-2-methylphenol	15.17	198	10451	5.431	ng		89
66) n-Nitrosodiphenylamine	15.27	169	71352	7.932	ng		98
67) 4-Bromophenyl-phenylether	15.95	248	26859	7.623	ng		98
68) Hexachlorobenzene	16.06	284	30595	8.251	ng		98
69) Atrazine	16.24	200	26854	9.928	ng		100
70) Pentachlorophenol	16.42	266	12346	5.885	ng		95
71) Phenanthrene	16.79	178	140590	8.413	ng		99
72) Anthracene	16.88	178	137640	8.274	ng		98
73) Carbazole	17.16	167	122823	7.744	ng		99
74) Di-n-butylphthalate	17.74	149	148841	7.464	ng		99
75) Fluoranthene	18.82	202	175707	8.537	ng		99
77) Benzidine	19.03	184	66602	9.184	ng		97
78) Pyrene	19.19	202	188026	8.114	ng		100
80) Butylbenzylphthalate	20.12	149	70322	6.762	ng		96
81) Benzo(a)anthracene	20.94	228	213951	8.659	ng		99
82) 3,3'-Dichlorobenzidine	20.90	252	70923	9.043	ng		99
83) Chrysene	21.00	228	208840	8.684	ng		99
84) Bis(2-ethylhexyl)phthalate	20.92	149	120253	7.218	ng		98
85) Di-n-octyl phthalate	21.76	149	208455	7.321	ng		95
87) Indeno(1,2,3-cd)pyrene	25.03	276	295267	9.814	ng		99
88) Benzo(b)fluoranthene	22.43	252	233025	8.368	ng		99
89) Benzo(k)fluoranthene	22.47	252	228403	8.362	ng		99
90) Benzo(a)pyrene	22.94	252	209436	8.102	ng		99
91) Dibenzo(a,h)anthracene	25.04	278	248593	9.788	ng		99
92) Benzo(g,h,i)perylene	25.64	276	248502	10.619	ng		98

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

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