Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070920\
Data File : BM026709.D
Acq On : 08 Jul 2020 18:04
Operator : JU/CG
Sample : L3216-08
Misc : LOQ-WATER-10PPM
ALS Vial : 13 Sample Multiplier: 1

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

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

Quant Time: Jul 08 18:37:25 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	88482	20.00	ng		0.00
21) Naphthalene-d8	10.08	136	390130	20.00	ng		0.00
39) Acenaphthene-d10	13.99	164	258444	20.00	ng		0.00
64) Phenanthrene-d10	16.74	188	581987	20.00	ng		0.00
76) Chrysene-d12	20.96	240	677168	20.00	ng		0.00
86) Perylene-d12	23.03	264	691848	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.96	112	528396	100.09	ng		0.00
7) Phenol-d6	6.53	99	812654	96.62	ng		0.00
23) Nitrobenzene-d5	8.47	82	670734	73.35	ng		0.00
42) 2,4,6-Tribromophenol	15.50	330	385870	102.50	ng		0.00
45) 2-Fluorobiphenyl	12.59	172	1441711	74.17	ng		0.00
79) Terphenyl-d14	19.41	244	2035206	59.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.95	88	26090	10.286	ng		98
3) Pyridine	3.35	79	49214	6.784	ng		91
4) n-Nitrosodimethylamine	3.26	42	37432	8.620	ng	#	92
6) Aniline	6.67	93	91071	8.822	ng		97
8) 2-Chlorophenol	6.90	128	54526	8.671	ng		97
9) Benzaldehyde	6.49	77	82785	17.734	ng		98
10) Phenol	6.56	94	73601	8.854	ng		98
11) bis(2-Chloroethyl)ether	6.77	93	59189	8.516	ng		98
12) 1,3-Dichlorobenzene	7.22	146	60205	8.808	ng		97
13) 1,4-Dichlorobenzene	7.36	146	63805	9.170	ng		95
14) 1,2-Dichlorobenzene	7.67	146	60437	8.720	ng		99
15) Benzyl Alcohol	7.58	79	54990	7.641	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.86	45	122596	8.546	ng		99
17) 2-Methylphenol	7.79	107	48893	7.739	ng		94
18) Hexachloroethane	8.37	117	24840	8.989	ng		94
19) n-Nitroso-di-n-propylamine	8.14	70	57435	8.207	ng		99
20) 3+4-Methylphenols	8.12	107	64772	7.458	ng		96
22) Acetophenone	8.15	105	151846	13.697	ng	#	97
24) Nitrobenzene	8.52	77	83292	8.658	ng		98
25) Isophorone	9.04	82	146196	8.337	ng		100
26) 2-Nitrophenol	9.22	139	28796	8.110	ng		94
27) 2,4-Dimethylphenol	9.30	122	53946	9.344	ng		91
28) bis(2-Chloroethoxy)methane	9.53	93	85491	8.825	ng		99
29) 2,4-Dichlorophenol	9.76	162	52250	8.217	ng		96
30) 1,2,4-Trichlorobenzene	9.95	180	60248	8.493	ng		95
31) Naphthalene	10.13	128	185971	8.571	ng		98
32) Benzoic acid	9.44	122	34767	7.934	ng		98
33) 4-Chloroaniline	10.26	127	76095	8.017	ng		98
34) Hexachlorobutadiene	10.42	225	38870	8.274	ng		93
35) Caprolactam	11.04	113	17889	7.942	ng		98
36) 4-Chloro-3-methylphenol	11.40	107	66715	8.302	ng		96
37) 2-Methylnaphthalene	11.76	142	136452	8.489	ng		98
38) 1-Methylnaphthalene	11.98	142	133362	8.660	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.14	216	123583	14.792	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.12	237	27347	6.860	ng	99
43) 2,4,6-Trichlorophenol	12.40	196	46443	8.486	ng	100
44) 2,4,5-Trichlorophenol	12.48	196	47799	7.432	ng	99
46) 1,1'-Biphenyl	12.80	154	307907	15.083	ng	99
47) 2-Chloronaphthalene	12.84	162	139827	8.479	ng	99
48) 2-Nitroaniline	13.07	65	50698	7.470	ng	98
49) Acenaphthylene	13.70	152	226022	8.573	ng	100
50) Dimethylphthalate	13.46	163	186344	8.430	ng	99
51) 2,6-Dinitrotoluene	13.58	165	38509	8.135	ng	96
52) Acenaphthene	14.05	154	132403	8.264	ng	94
53) 3-Nitroaniline	13.92	138	34508	7.007	ng	100
54) 2,4-Dinitrophenol	14.14	184	24086	8.693	ng	90
55) Dibenzofuran	14.39	168	219187	8.343	ng	98
56) 4-Nitrophenol	14.26	139	24832	6.426	ng	96
57) 2,4-Dinitrotoluene	14.39	165	53615	7.848	ng	92
58) Fluorene	15.04	166	174639	8.029	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.63	232	46437	8.268	ng	98
60) Diethylphthalate	14.85	149	193507	8.278	ng	98
61) 4-Chlorophenyl-phenylether	15.05	204	94540	8.022	ng	99
62) 4-Nitroaniline	15.09	138	34248m	6.663	ng	
63) Azobenzene	15.35	77	210893	8.214	ng	99
65) 4,6-Dinitro-2-methylphenol	15.16	198	27328	6.907	ng	97
66) n-Nitrosodiphenylamine	15.27	169	157504	8.516	ng	98
67) 4-Bromophenyl-phenylether	15.95	248	56450	7.793	ng	98
68) Hexachlorobenzene	16.06	284	64718	8.488	ng	97
69) Atrazine	16.24	200	58533	10.525	ng	98
70) Pentachlorophenol	16.42	266	31869	7.389	ng	97
71) Phenanthrene	16.79	178	292553	8.515	ng	99
72) Anthracene	16.88	178	290299	8.487	ng	99
73) Carbazole	17.16	167	256685	7.872	ng	99
74) Di-n-butylphthalate	17.74	149	344439	8.401	ng	99
75) Fluoranthene	18.82	202	355616	8.404	ng	99
77) Benzidine	19.03	184	144238	10.804	ng	98
78) Pyrene	19.18	202	369118	8.653	ng	99
80) Butylbenzylphthalate	20.12	149	159738	8.345	ng	100
81) Benzo(a)anthracene	20.95	228	389442	8.562	ng	100
82) 3,3'-Dichlorobenzidine	20.90	252	141528	9.803	ng	98
83) Chrysene	21.00	228	373127	8.428	ng	100
84) Bis(2-ethylhexyl)phthalate	20.92	149	255269	8.324	ng	99
85) Di-n-octyl phthalate	21.76	149	436616	8.330	ng	97
87) Indeno(1,2,3-cd)pyrene	25.04	276	446162	9.059	ng	99
88) Benzo(b)fluoranthene	22.43	252	404517	8.874	ng	100
89) Benzo(k)fluoranthene	22.47	252	397518	8.890	ng	100
90) Benzo(a)pyrene	22.94	252	358986	8.483	ng	99
91) Dibenzo(a,h)anthracene	25.04	278	379256	9.121	ng	98
92) Benzo(g,h,i)perylene	25.64	276	368145	9.610	ng	99

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

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