Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030620\
Data File : BG044698.D
Acq On : 6 Mar 2020 15:17
Operator : CG/JU
Sample : L1161-08
Misc : LOQ-WATER 10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT1-2020

Manual Integrations APPROVED
mohammad
3/9/2020 3:07:58 PM

Quant Time: Mar 09 10:45:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 07 03:42:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	67874	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	275631	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	191971	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	452526	20.00	ng		0.00
76) Chrysene-d12	21.71	240	428855	20.00	ng		0.00
87) Perylene-d12	24.94	264	480199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	594885	131.63	ng		0.00
7) Phenol-d6	7.21	99	878116	128.54	ng		0.00
23) Nitrobenzene-d5	9.22	82	619322	102.30	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	386231	146.46	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1290808	93.67	ng		0.00
79) Terphenyl-d14	20.06	244	2132629	88.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	18291	8.443	ng		98
3) Pyridine	3.93	79	45763	6.813	ng		98
4) n-Nitrosodimethylamine	3.84	42	20657	7.271	ng	#	81
6) Aniline	7.38	93	75044	8.769	ng		98
8) 2-Chlorophenol	7.62	128	39152	8.548	ng		96
9) Benzaldehyde	7.19	77	50270	12.537	ng		98
10) Phenol	7.24	94	56665	8.421	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	47860	9.256	ng		94
12) 1,3-Dichlorobenzene	7.95	146	47315	8.686	ng		97
13) 1,4-Dichlorobenzene	8.10	146	47416	8.712	ng		95
14) 1,2-Dichlorobenzene	8.42	146	45481	8.841	ng		90
15) Benzyl Alcohol	8.29	79	46338	7.863	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	83504	8.548	ng		98
17) 2-Methylphenol	8.49	107	40316	8.744	ng		92
18) Hexachloroethane	9.16	117	19575	8.968	ng		96
19) n-Nitroso-di-n-propylamine	8.87	70	44224	8.666	ng	#	97
20) 3+4-Methylphenols	8.82	107	53701	8.360	ng		95
22) Acetophenone	8.88	105	77981	9.691	ng	#	97
24) Nitrobenzene	9.26	77	62778	9.781	ng		97
25) Isophorone	9.79	82	117767	8.821	ng		98
26) 2-Nitrophenol	9.97	139	17601	8.386	ng		88
27) 2,4-Dimethylphenol	10.03	122	40192	9.596	ng		90
28) bis(2-Chloroethoxy)methane	10.27	93	64570	8.591	ng		97
29) 2,4-Dichlorophenol	10.51	162	39771	8.345	ng		92
30) 1,2,4-Trichlorobenzene	10.73	180	48287	8.723	ng		99
31) Naphthalene	10.92	128	141196	9.128	ng		100
32) Benzoic acid	10.09	122	15097m	5.140	ng		
33) 4-Chloroaniline	11.02	127	60896	8.547	ng		98
34) Hexachlorobutadiene	11.22	225	31144	8.235	ng		97
35) Caprolactam	11.76	113	17959	9.028	ng	#	82
36) 4-Chloro-3-methylphenol	12.14	107	50564	8.378	ng		94
37) 2-Methylnaphthalene	12.52	142	109385	9.371	ng		95
38) 1-Methylnaphthalene	12.74	142	100009	9.063	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	56153	9.010	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	36241	9.945	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	34401	7.963	ng		89
44) 2,4,5-Trichlorophenol	13.19	196	36883	8.324	ng		86
46) 1,1'-Biphenyl	13.53	154	143708	9.412	ng		99
47) 2-Chloronaphthalene	13.57	162	104098	8.938	ng		97
48) 2-Nitroaniline	13.76	65	34103	8.682	ng		96
49) Acenaphthylene	14.42	152	177498	9.512	ng		98
50) Dimethylphthalate	14.15	163	145643	9.126	ng		98
51) 2,6-Dinitrotoluene	14.25	165	25290	8.819	ng		99
52) Acenaphthene	14.76	154	110109	9.126	ng		98
53) 3-Nitroaniline	14.58	138	26646	8.063	ng		93
54) 2,4-Dinitrophenol	14.78	184	9687	7.275	ng	#	22
55) Dibenzofuran	15.09	168	172649	9.550	ng		97
56) 4-Nitrophenol	14.87	139	23709	9.220	ng	#	79
57) 2,4-Dinitrotoluene	15.04	165	35373	9.231	ng	#	95
58) Fluorene	15.74	166	143139	9.573	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	35943	8.523	ng	#	91
60) Diethylphthalate	15.51	149	161090	9.441	ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	76472	9.425	ng		93
62) 4-Nitroaniline	15.74	138	32781	9.005	ng		94
63) Azobenzene	16.03	77	174334	9.763	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	15037	8.134	ng		91
66) n-Nitrosodiphenylamine	15.95	169	129366	9.350	ng		93
67) 4-Bromophenyl-phenylether	16.63	248	48830	8.556	ng		95
68) Hexachlorobenzene	16.75	284	52722	8.555	ng		97
69) Atrazine	16.89	200	56360	10.541	ng		96
70) Pentachlorophenol	17.08	266	28739	8.218	ng	#	87
71) Phenanthrene	17.48	178	234581	9.454	ng		95
72) Anthracene	17.57	178	242375	9.917	ng		96
73) Carbazole	17.83	167	224939	9.611	ng		94
74) Di-n-butylphthalate	18.42	149	283536	9.619	ng		98
75) Fluoranthene	19.49	202	295801	9.864	ng		97
77) Benzidine	19.66	184	179906	10.509	ng		96
78) Pyrene	19.85	202	300636	9.191	ng		97
80) Butylbenzylphthalate	20.75	149	119424	8.179	ng		100
81) Benzo(a)anthracene	21.70	228	299167	9.302	ng		97
82) 3,3'-Dichlorobenzidine	21.61	252	122206	9.544	ng		98
83) Chrysene	21.76	228	283504	9.261	ng		94
84) Bis(2-ethylhexyl)phthalate	21.63	149	178637	8.773	ng	#	99
85) Di-n-octyl phthalate	22.86	149	301305	8.617	ng		98
86) Indeno(1,2,3-cd)pyrene	28.60	276	328705	8.131	ng	#	89
88) Benzo(b)fluoranthene	23.92	252	283211	8.666	ng		98
89) Benzo(k)fluoranthene	23.99	252	284097	9.274	ng		95
90) Benzo(a)pyrene	24.79	252	268018	8.805	ng		94
91) Dibenzo(a,h)anthracene	28.67	278	275584	9.079	ng		97
92) Benzo(g,h,i)perylene	29.73	276	272594	8.966	ng		99

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

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