Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102720\
Data File : BG047098.D
Acq On : 27 Oct 2020 17:04
Operator : CG/JU
Sample : L4214-08
Misc : LOQ-WATER 10ppm
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT4-2020

Manual Integrations APPROVED
mohammad
10/28/2020 8:06:16 AM

Quant Time: Oct 27 17:39:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 27 12:36:22 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.056	152	38733	20.00	ng		0.00
21) Naphthalene-d8	10.871	136	151542	20.00	ng		# 0.00
39) Acenaphthene-d10	14.690	164	105130	20.00	ng		0.00
64) Phenanthrene-d10	17.428	188	263635	20.00	ng		# 0.00
76) Chrysene-d12	21.699	240	343529	20.00	ng		# 0.00
86) Perylene-d12	24.931	264	352673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.612	112	249901	114.37	ng		0.00
7) Phenol-d6	7.205	99	335202	106.08	ng		0.00
23) Nitrobenzene-d5	9.220	82	268239	84.77	ng		0.00
42) 2,4,6-Tribromophenol	16.171	330	181353	107.62	ng		0.00
45) 2-Fluorobiphenyl	13.309	172	658683	88.58	ng		0.00
79) Terphenyl-d14	20.037	244	1390190	78.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.503	88	10186	10.32	ng		94
3) Pyridine	3.903	79	24926	9.30	ng		90
4) n-Nitrosodimethylamine	3.814	42	14081	9.92	ng	#	66
6) Aniline	7.375	93	36651	9.81	ng	#	86
8) 2-Chlorophenol	7.616	128	22610	9.73	ng		93
9) Benzaldehyde	7.187	77	22344	12.62	ng		88
10) Phenol	7.234	94	28308	9.49	ng		82
11) bis(2-Chloroethyl)ether	7.469	93	22962	9.78	ng		96
12) 1,3-Dichlorobenzene	7.945	146	29390	9.93	ng	#	93
13) 1,4-Dichlorobenzene	8.092	146	26973	9.02	ng		97
14) 1,2-Dichlorobenzene	8.415	146	27582m	9.74	ng		
15) Benzyl Alcohol	8.286	79	20625	8.37	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.579	45	33473	9.01	ng		96
17) 2-Methylphenol	8.491	107	20255	9.87	ng	#	89
18) Hexachloroethane	9.143	117	10884	9.72	ng		92
19) n-Nitroso-di-n-propyla...	8.856	70	20498	9.52	ng		97
20) 3+4-Methylphenols	8.820	107	26075	9.43	ng		87
22) Acetophenone	8.873	105	36308	8.89	ng	#	96
24) Nitrobenzene	9.255	77	29796	9.07	ng		89
25) Isophorone	9.778	82	52828	9.33	ng	#	95
26) 2-Nitrophenol	9.978	139	12908	9.05	ng	#	79
27) 2,4-Dimethylphenol	10.031	122	18610	9.56	ng	#	89
28) bis(2-Chloroethoxy)met...	10.260	93	30057	8.60	ng	#	95
29) 2,4-Dichlorophenol	10.512	162	21902	8.17	ng		92
30) 1,2,4-Trichlorobenzene	10.730	180	29113	8.81	ng		94
31) Naphthalene	10.918	128	74595	9.41	ng		99
32) Benzoic acid	10.095	122	6476m	4.20	ng		
33) 4-Chloroaniline	11.024	127	30477	8.84	ng	#	87
34) Hexachlorobutadiene	11.206	225	21694	8.76	ng		96
35) Caprolactam	11.758	113	7612	8.53	ng	#	89
36) 4-Chloro-3-methylphenol	12.140	107	24279	8.73	ng	#	87
37) 2-Methylnaphthalene	12.516	142	55962	9.09	ng	#	90
38) 1-Methylnaphthalene	12.733	142	51840	8.89	ng		97
40) 1,2,4,5-Tetrachloroben...	12.886	216	35894	9.35	ng		94
41) Hexachlorocyclopentadiene	12.863	237	20630	9.83	ng		93
43) 2,4,6-Trichlorophenol	13.121	196	21437	8.56	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.192	196	23144	9.10	ng	#	89
46) 1,1'-Biphenyl	13.521	154	76305	9.59	ng		91
47) 2-Chloronaphthalene	13.562	162	59512	9.08	ng		95
48) 2-Nitroaniline	13.762	65	17309	8.11	ng	#	76
49) Acenaphthylene	14.408	152	86682	9.11	ng		99
50) Dimethylphthalate	14.132	163	78809	9.10	ng	#	96
51) 2,6-Dinitrotoluene	14.249	165	15140	8.38	ng	#	55
52) Acenaphthene	14.749	154	53967	8.69	ng		94
53) 3-Nitroaniline	14.578	138	14361	8.00	ng		96
54) 2,4-Dinitrophenol	14.790	184	7004	5.88	ng	#	55
55) Dibenzofuran	15.084	168	96020	9.63	ng		98
56) 4-Nitrophenol	14.890	139	11286	8.04	ng	#	73
57) 2,4-Dinitrotoluene	15.042	165	22221	8.57	ng	#	88
58) Fluorene	15.730	166	76567	9.52	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.307	232	22881	8.47	ng	#	95
60) Diethylphthalate	15.489	149	77630	8.99	ng		94
61) 4-Chlorophenyl-phenyle...	15.724	204	44430	9.26	ng		98
62) 4-Nitroaniline	15.742	138	16396	8.51	ng	#	71
63) Azobenzene	16.012	77	71828	9.37	ng		90
65) 4,6-Dinitro-2-methylph...	15.800	198	13857	8.54	ng		90
66) n-Nitrosodiphenylamine	15.935	169	69313	9.16	ng		98
67) 4-Bromophenyl-phenylether	16.617	248	28313	8.16	ng		94
68) Hexachlorobenzene	16.735	284	31347	8.57	ng	#	89
69) Atrazine	16.876	200	27608	8.87	ng		95
70) Pentachlorophenol	17.081	266	16167	7.58	ng		91
71) Phenanthrene	17.475	178	128119	9.10	ng		94
72) Anthracene	17.563	178	132846	9.63	ng		94
73) Carbazole	17.827	167	112575	9.18	ng		97
74) Di-n-butylphthalate	18.386	149	150567	9.93	ng		96
75) Fluoranthene	19.478	202	183935	10.16	ng		95
77) Benzidine	19.655	184	84144	10.72	ng		99
78) Pyrene	19.843	202	183956	8.40	ng		95
80) Butylbenzylphthalate	20.718	149	70944	8.45	ng		92
81) Benzo(a)anthracene	21.676	228	201776	8.96	ng		96
82) 3,3'-Dichlorobenzidine	21.594	252	76763	9.40	ng		88
83) Chrysene	21.746	228	200053	9.34	ng		99
84) Bis(2-ethylhexyl)phtha...	21.576	149	103884	8.78	ng		95
85) Di-n-octyl phthalate	22.792	149	171978	8.65	ng	#	94
87) Indeno(1,2,3-cd)pyrene	28.603	276	222868	8.65	ng	#	87
88) Benzo(b)fluoranthene	23.903	252	199371	8.65	ng	#	97
89) Benzo(k)fluoranthene	23.967	252	202909	9.06	ng	#	98
90) Benzo(a)pyrene	24.778	252	182939	8.49	ng	#	95
91) Dibenzo(a,h)anthracene	28.668	278	189947	9.08	ng	#	91
92) Benzo(g,h,i)perylene	29.760	276	186624	8.98	ng	#	93

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

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