Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032566.D
Acq On : 6 Feb 2018 15:10
Operator : SJ/JU
Sample : J1161-07
Misc : LOD-W-1 ppm
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Manual Integrations APPROVED
Sohil
2/7/2018 4:14:25 PM

Quant Time: Feb 07 11:15:48 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 18:57:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	16815	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	54941	20.00	ng		0.01
38) Acenaphthene-d10	15.34	164	47932	20.00	ng		0.00
63) Phenanthrene-d10	18.08	188	121179	20.00	ng		0.00
75) Chrysene-d12	22.40	240	172875	20.00	ng		0.00
86) Perylene-d12	26.08	264	183145	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	126524	151.13	ng		0.01
7) Phenol-d6	7.83	99	146965	131.56	ng		0.01
23) Nitrobenzene-d5	9.91	82	90001	102.32	ng		0.00
41) 2,4,6-Tribromophenol	16.82	330	133883	146.74	ng		0.00
44) 2-Fluorobiphenyl	13.97	172	374788	92.94	ng		0.00
78) Terphenyl-d14	20.61	244	759929	94.16	ng		0.00
Target Compounds							Qvalue
6) Aniline	8.02	93	495	0.355	ng	#	62
8) 2-Chlorophenol	8.27	128	1369	1.383	ng	#	78
9) Benzaldehyde	7.82	77	920	1.594	ng	#	76
10) Phenol	7.86	94	1597	1.505	ng	#	6
11) bis(2-Chloroethyl)ether	8.11	93	1137	1.407	ng	#	51
12) 1,3-Dichlorobenzene	8.60	146	1868	1.396	ng	#	82
13) 1,4-Dichlorobenzene	8.76	146	2034	1.516	ng	#	86
14) 1,2-Dichlorobenzene	9.08	146	1609m	1.225	ng		
15) Benzyl Alcohol	8.96	79	696m	0.756	ng		
16) 2,2'-oxybis(1-Chloropropan	9.23	45	974m	1.272	ng		
17) 2-Methylphenol	9.17	107	947	1.099	ng	#	89
18) Hexachloroethane	9.83	117	490	1.088	ng	#	42
20) 3+4-Methylphenols	9.50	107	1318	1.091	ng	#	74
24) Nitrobenzene	9.96	77	1538	1.808	ng	#	77
31) Naphthalene	11.65	128	4518	1.684	ng	#	83
34) Hexachlorobutadiene	11.91	225	2078	2.050	ng	#	76
37) 2-Methylnaphthalene	13.22	142	4201	1.864	ng	#	81
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	3721	1.659	ng	#	81
45) 1,1'-Biphenyl	14.19	154	6668	1.647	ng		82
46) 2-Chloronaphthalene	14.24	162	4991	1.572	ng	#	82
47) 2-Nitroaniline	14.45	65	505	0.719	ng	#	76
48) Acenaphthylene	15.07	152	6988	1.456	ng	#	92
49) Dimethylphthalate	14.77	163	5801	1.313	ng		98
50) 2,6-Dinitrotoluene	14.90	165	1109	1.196	ng	#	53
51) Acenaphthene	15.40	154	4437	1.333	ng		83
54) Dibenzofuran	15.74	168	7753	1.574	ng	#	94
57) Fluorene	16.38	166	5690	1.390	ng	#	96
58) 2,3,4,6-Tetrachlorophenol	15.96	232	1805	1.287	ng	#	46
59) Diethylphthalate	16.11	149	5852	1.360	ng		93
62) Azobenzene	16.65	77	3794	1.475	ng		95
65) n-Nitrosodiphenylamine	16.57	169	5226	1.445	ng		88
66) 4-Bromophenyl-phenylether	17.25	248	3017	1.681	ng	#	79
67) Hexachlorobenzene	17.38	284	3302	1.662	ng	#	78
68) Atrazine	17.49	200	2317	1.492	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) Phenanthrene	18.12	178	10650m	1.576	ng		
71) Anthracene	18.21	178	10817	1.608	ng		97
72) Carbazole	18.48	167	9346	1.572	ng		97
73) Di-n-butylphthalate	18.97	149	9499	1.443	ng	#	95
74) Fluoranthene	20.09	202	14587	1.646	ng		95
77) Pyrene	20.44	202	15875	1.497	ng		95
79) Butylbenzylphthalate	21.30	149	4789	1.432	ng		90
80) Benzo(a)anthracene	22.38	228	17035	1.589	ng		97
82) Chrysene	22.45	228	17276	1.669	ng		93
83) Bis(2-ethylhexyl)phthalate	22.22	149	7226	1.524	ng	#	98
84) Di-n-octyl phthalate	23.59	149	10482	1.394	ng	#	93
85) Indeno(1,2,3-cd)pyrene	30.31	276	21169	1.617	ng	#	55
87) Benzo(b)fluoranthene	24.90	252	17374	1.570	ng	#	96
88) Benzo(k)fluoranthene	24.97	252	18287	1.668	ng	#	94
89) Benzo(a)pyrene	25.90	252	16385	1.553	ng	#	92
90) Dibenzo(a,h)anthracene	30.40	278	16554	1.534	ng	#	93
91) Benzo(g,h,i)perylene	31.65	276	16479	1.538	ng	#	81

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

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