Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
Data File : BG026356.D
Acq On : 21 Mar 2017 13:26
Operator : SJ/MA
Sample : I2296-05
Misc : LOD 1 PPB
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT2-2017

Manual Integrations APPROVED
mohammad
3/23/2017 3:31:42 PM

Quant Time: Mar 23 12:04:48 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 20 17:43:27 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	115280	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	495205	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	286077	20.00	ng		0.00
63) Phenanthrene-d10	17.38	188	694402	20.00	ng		0.00
75) Chrysene-d12	21.63	240	848636	20.00	ng		0.00
86) Perylene-d12	24.81	264	821503	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	863064	132.88	ng		0.00
7) Phenol-d6	7.21	99	1128806	129.45	ng		0.00
23) Nitrobenzene-d5	9.20	82	685512	83.24	ng		0.00
41) 2,4,6-Tribromophenol	16.13	330	494331	150.89	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	1890470	92.67	ng		0.00
78) Terphenyl-d14	19.98	244	2678978	76.67	ng		0.00
Target Compounds							Qvalue
6) Aniline	7.37	93	11648	1.00	ng	#	76
8) 2-Chlorophenol	7.61	128	7861	1.07	ng		84
9) Benzaldehyde	7.19	77	7336	1.25	ng	#	79
10) Phenol	7.23	94	9654	1.04	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	7837	1.03	ng	#	75
12) 1,3-Dichlorobenzene	7.94	146	8906	1.02	ng	#	78
13) 1,4-Dichlorobenzene	8.08	146	9415	1.07	ng		93
14) 1,2-Dichlorobenzene	8.40	146	9633	1.14	ng		94
15) Benzyl Alcohol	8.29	79	4857	0.85	ng	#	77
16) 2,2'-oxybis(1-Chloropropan	8.57	45	7307	0.86	ng		72
18) Hexachloroethane	9.13	117	2882	1.00	ng	#	78
24) Nitrobenzene	9.25	77	8420	1.04	ng	#	72
31) Naphthalene	10.89	128	27526	1.10	ng	#	95
34) Hexachlorobutadiene	11.18	225	5104	1.10	ng		97
37) 2-Methylnaphthalene	12.49	142	20070	1.09	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	9791	1.14	ng	#	95
45) 1,1'-Biphenyl	13.49	154	28459	1.20	ng		94
46) 2-Chloronaphthalene	13.53	162	18289	1.06	ng		92
47) 2-Nitroaniline	13.74	65	3700	0.75	ng	#	88
48) Acenaphthylene	14.37	152	31098	1.03	ng		97
49) Dimethylphthalate	14.10	163	22521	1.04	ng		98
50) 2,6-Dinitrotoluene	14.22	165	4412	0.88	ng	#	62
51) Acenaphthene	14.72	154	20414	1.10	ng		96
54) Dibenzofuran	15.05	168	29652	1.13	ng	#	79
57) Fluorene	15.69	166	24736	1.06	ng		92
58) 2,3,4,6-Tetrachlorophenol	15.28	232	5400	0.99	ng	#	91
59) Diethylphthalate	15.45	149	21351	0.97	ng		97
62) Azobenzene	15.97	77	15848	0.88	ng		74
65) n-Nitrosodiphenylamine	15.89	169	19601	0.96	ng		99
66) 4-Bromophenyl-phenylether	16.57	248	7572	1.06	ng		98
67) Hexachlorobenzene	16.70	284	8775	1.15	ng	#	89
68) Atrazine	16.83	200	7080	0.92	ng		92
70) Phenanthrene	17.42	178	43084	1.16	ng	#	92
71) Anthracene	17.52	178	40896m	1.07	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Carbazole	17.79	167	41866	1.07	ng	#	95
73) Di-n-butylphthalate	18.34	149	37532	0.93	ng	#	89
74) Fluoranthene	19.43	202	49378	1.13	ng		95
77) Pyrene	19.79	202	52863	1.08	ng	#	90
79) Butylbenzylphthalate	20.66	149	18970	0.96	ng	#	80
80) Benzo(a)anthracene	21.61	228	55242m	1.16	ng		
82) Chrysene	21.67	228	50154	1.10	ng		97
83) Bis(2-ethylhexyl)phthalate	21.51	149	26339	0.89	ng		98
84) Di-n-octyl phthalate	22.70	149	45874	0.91	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.42	276	57196	1.02	ng	#	77
87) Benzo(b)fluoranthene	23.80	252	52241	1.08	ng	#	94
88) Benzo(k)fluoranthene	23.86	252	51312	1.09	ng	#	91
89) Benzo(a)pyrene	24.66	252	49419	1.06	ng	#	94
90) Dibenzo(a,h)anthracene	28.49	278	49027	1.04	ng	#	95
91) Benzo(g,h,i)perylene	29.57	276	49608	1.05	ng	#	85

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

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