Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014180.D
Acq On : 08 Feb 2018 02:41
Operator : SJ/JU
Sample : J1161-08
Misc : LOQ 20 PPM
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2018

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:46 PM

Quant Time: Feb 08 12:25:00 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	81169	20.00	ng		0.00
21) Naphthalene-d8	10.31	136	385335	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	274213	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	711570	20.00	ng		0.00
75) Chrysene-d12	21.16	240	779066	20.00	ng		0.00
86) Perylene-d12	23.34	264	640051	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	590747	126.85	ng		0.00
7) Phenol-d6	6.73	99	860625	130.49	ng		0.00
23) Nitrobenzene-d5	8.70	82	937875	108.72	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	514678	132.27	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	2336736	106.38	ng		0.00
78) Terphenyl-d14	19.60	244	4171632	104.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	38285	20.01	ng	#	100
3) Pyridine	3.53	79	104056	19.64	ng	#	89
4) n-Nitrosodimethylamine	3.45	42	64614	19.14	ng	#	45
6) Aniline	6.89	93	166217	19.77	ng	#	89
8) 2-Chlorophenol	7.11	128	102297	19.33	ng		92
9) Benzaldehyde	6.70	77	67022	14.12	ng		83
10) Phenol	6.76	94	129058	19.82	ng		98
11) bis(2-Chloroethyl)ether	6.99	93	97009	18.85	ng		94
12) 1,3-Dichlorobenzene	7.43	146	127639	19.29	ng	#	87
13) 1,4-Dichlorobenzene	7.57	146	129850	19.54	ng		95
14) 1,2-Dichlorobenzene	7.89	146	127195	19.02	ng	#	91
15) Benzyl Alcohol	7.80	79	116254	19.02	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	8.07	45	101442	19.38	ng		82
17) 2-Methylphenol	7.99	107	97714	19.61	ng	#	84
18) Hexachloroethane	8.59	117	58230	20.27	ng		92
19) n-Nitroso-di-n-propylamine	8.35	70	109881	19.34	ng		97
20) 3+4-Methylphenols	8.33	107	129125	17.89	ng		83
22) Acetophenone	8.36	105	202725	18.30	ng	#	87
24) Nitrobenzene	8.74	77	180455	20.32	ng		91
25) Isophorone	9.26	82	273107	19.11	ng	#	91
26) 2-Nitrophenol	9.45	139	59602	17.79	ng	#	54
27) 2,4-Dimethylphenol	9.51	122	95634	18.73	ng	#	83
28) bis(2-Chloroethoxy)methane	9.75	93	146781	20.03	ng		97
29) 2,4-Dichlorophenol	9.99	162	106036	18.58	ng		94
30) 1,2,4-Trichlorobenzene	10.18	180	144372	19.19	ng		99
31) Naphthalene	10.36	128	415109	19.67	ng		99
32) Benzoic acid	9.66	122	58430	17.77	ng	#	72
33) 4-Chloroaniline	10.50	127	162900	18.57	ng	#	82
34) Hexachlorobutadiene	10.64	225	99345	19.25	ng		96
35) Caprolactam	11.28	113	36561	17.92	ng	#	88
36) 4-Chloro-3-methylphenol	11.63	107	137618	19.47	ng	#	77
37) 2-Methylnaphthalene	11.99	142	311200	19.58	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	183637	19.11	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	78377	19.02	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	111098	19.68	ng		98
43) 2,4,5-Trichlorophenol	12.70	196	115662	18.56	ng	#	81
45) 1,1'-Biphenyl	13.02	154	461924	19.45	ng		98
46) 2-Chloronaphthalene	13.06	162	363555	20.16	ng		94
47) 2-Nitroaniline	13.29	65	123711	18.64	ng	#	77
48) Acenaphthylene	13.92	152	581166	19.66	ng		98
49) Dimethylphthalate	13.67	163	476107	19.39	ng		99
50) 2,6-Dinitrotoluene	13.79	165	101671	20.18	ng	#	58
51) Acenaphthene	14.26	154	356850	19.58	ng		96
52) 3-Nitroaniline	14.13	138	98832	18.97	ng	#	63
53) 2,4-Dinitrophenol	14.36	184	33279	18.16	ng		87
54) Dibenzofuran	14.60	168	565391	19.85	ng	#	86
55) 4-Nitrophenol	14.46	139	59162	19.08	ng		93
56) 2,4-Dinitrotoluene	14.60	165	145639	18.73	ng	#	72
57) Fluorene	15.26	166	482327	19.25	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.84	232	113319	18.46	ng	#	100
59) Diethylphthalate	15.05	149	529037	19.41	ng		97
60) 4-Chlorophenyl-phenylether	15.26	204	253152	19.44	ng		92
61) 4-Nitroaniline	15.30	138	91947	17.64	ng	#	4
62) Azobenzene	15.55	77	559242	19.76	ng		81
64) 4,6-Dinitro-2-methylphenol	15.37	198	72244	18.67	ng		95
65) n-Nitrosodiphenylamine	15.47	169	432330	19.25	ng		98
66) 4-Bromophenyl-phenylether	16.15	248	158289	18.98	ng	#	85
67) Hexachlorobenzene	16.26	284	178253	19.47	ng	#	83
68) Atrazine	16.44	200	128324	15.23	ng		95
69) Pentachlorophenol	16.62	266	89389	19.13	ng		97
70) Phenanthrene	17.00	178	822333	19.16	ng		99
71) Anthracene	17.09	178	815467	19.50	ng		98
72) Carbazole	17.37	167	732102	18.62	ng		100
73) Di-n-butylphthalate	17.93	149	958002	19.04	ng	#	96
74) Fluoranthene	19.03	202	981720	19.43	ng		99
76) Benzidine	19.23	184	232960m	10.04	ng		
77) Pyrene	19.39	202	1009509	18.65	ng		99
79) Butylbenzylphthalate	20.30	149	429099	17.60	ng	#	79
80) Benzo(a)anthracene	21.15	228	960955	18.98	ng		98
81) 3,3'-Dichlorobenzidine	21.09	252	321313	16.98	ng	#	95
82) Chrysene	21.20	228	932611	18.99	ng		98
83) Bis(2-ethylhexyl)phthalate	21.09	149	630388	17.73	ng		96
84) Di-n-octyl phthalate	21.94	149	906645	18.42	ng	#	95
85) Indeno(1,2,3-cd)pyrene	25.50	276	720201	18.65	ng		98
87) Benzo(b)fluoranthene	22.69	252	891946	20.08	ng	#	94
88) Benzo(k)fluoranthene	22.73	252	817123	19.35	ng	#	97
89) Benzo(a)pyrene	23.24	252	753080	19.24	ng	#	98
90) Dibenzo(a,h)anthracene	25.51	278	609098	19.04	ng	#	92
91) Benzo(g,h,i)perylene	26.17	276	566300	18.94	ng	#	90

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

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