Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN041818\
Data File : BN000760.D
Acq On : 19 Apr 2018 03:10
Operator : JU/SJ
Sample : J2133-08
Misc : 20PPM LOQ
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOQ-WATER-02-QT2-2018

Manual Integrations APPROVED
Sohil
4/19/2018 5:43:11 PM

Quant Time: Apr 19 06:01:46 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN041818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 18 16:58:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	141256	20.00	ng		0.00
21) Naphthalene-d8	10.39	136	615219	20.00	ng		0.00
38) Acenaphthene-d10	14.26	164	319799	20.00	ng		0.00
63) Phenanthrene-d10	17.00	188	620741	20.00	ng		0.00
75) Chrysene-d12	21.21	240	514134	20.00	ng		-0.01
86) Perylene-d12	23.40	264	489405	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1204319	126.65	ng		0.00
7) Phenol-d6	6.82	99	1637091	126.33	ng		0.00
23) Nitrobenzene-d5	8.77	82	994749	84.29	ng		0.00
41) 2,4,6-Tribromophenol	15.76	330	442048	137.31	ng		0.00
44) 2-Fluorobiphenyl	12.88	172	1930072	83.31	ng		0.00
78) Terphenyl-d14	19.66	244	2020097	84.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	82474	18.909	ng	#	94
3) Pyridine	3.63	79	226118	19.681	ng		98
4) n-Nitrosodimethylamine	3.55	42	62297	19.718	ng	#	85
6) Aniline	6.97	93	337040	19.605	ng		94
8) 2-Chlorophenol	7.20	128	193240	19.650	ng		91
9) Benzaldehyde	6.79	77	94582	12.238	ng		91
10) Phenol	6.84	94	268200	19.636	ng		86
11) bis(2-Chloroethyl)ether	7.07	93	218802	19.580	ng		85
12) 1,3-Dichlorobenzene	7.52	146	225674	19.758	ng		99
13) 1,4-Dichlorobenzene	7.66	146	227985	19.660	ng		97
14) 1,2-Dichlorobenzene	7.98	146	218809	19.768	ng		94
15) Benzyl Alcohol	7.86	79	178695	20.050	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.16	45	231765	19.529	ng		79
17) 2-Methylphenol	8.06	107	182875	19.916	ng		95
18) Hexachloroethane	8.69	117	84241	19.713	ng	#	82
19) n-Nitroso-di-n-propylamine	8.43	70	164229	20.373	ng	#	81
20) 3+4-Methylphenols	8.39	107	251805	19.954	ng		93
22) Acetophenone	8.44	105	348883	19.790	ng	#	88
24) Nitrobenzene	8.82	77	252770	19.975	ng	#	95
25) Isophorone	9.33	82	422060	19.738	ng		98
26) 2-Nitrophenol	9.52	139	98166	18.935	ng		93
27) 2,4-Dimethylphenol	9.58	122	165166	19.515	ng		96
28) bis(2-Chloroethoxy)methane	9.82	93	273112	19.591	ng		98
29) 2,4-Dichlorophenol	10.05	162	165689	19.881	ng		96
30) 1,2,4-Trichlorobenzene	10.26	180	197316	19.643	ng		98
31) Naphthalene	10.45	128	650932	19.680	ng		98
32) Benzoic acid	9.70	122	127395	19.154	ng		93
33) 4-Chloroaniline	10.55	127	265813	19.681	ng		97
34) Hexachlorobutadiene	10.73	225	108937	19.967	ng		97
35) Caprolactam	11.31	113	54594	18.934	ng		95
36) 4-Chloro-3-methylphenol	11.68	107	196509	19.970	ng		99
37) 2-Methylnaphthalene	12.06	142	432978	19.983	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.43	216	197590	19.923	ng	#	97
40) Hexachlorocyclopentadiene	12.42	237	112514	19.346	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.67	196	119877	19.928	ng		96
43) 2,4,5-Trichlorophenol	12.75	196	138141	19.883	ng	#	94
45) 1,1'-Biphenyl	13.09	154	573902	20.049	ng		97
46) 2-Chloronaphthalene	13.13	162	428543	19.967	ng		96
47) 2-Nitroaniline	13.33	65	117896	18.935	ng		87
48) Acenaphthylene	13.98	152	684937	20.132	ng		98
49) Dimethylphthalate	13.73	163	511926	20.031	ng		99
50) 2,6-Dinitrotoluene	13.84	165	107332	19.828	ng		93
51) Acenaphthene	14.32	154	410876	19.812	ng		99
52) 3-Nitroaniline	14.16	138	116492	18.909	ng	#	96
53) 2,4-Dinitrophenol	14.37	184	44631	20.423	ng		97
54) Dibenzofuran	14.66	168	603238	19.983	ng		97
55) 4-Nitrophenol	14.47	139	84489	18.468	ng		88
56) 2,4-Dinitrotoluene	14.63	165	137638	19.421	ng	#	90
57) Fluorene	15.31	166	481431	20.172	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.89	232	103389m	19.359	ng		
59) Diethylphthalate	15.10	149	501713	19.808	ng		97
60) 4-Chlorophenyl-phenylether	15.32	204	226469	20.300	ng		92
61) 4-Nitroaniline	15.33	138	115008	18.977	ng		94
62) Azobenzene	15.61	77	539604	19.896	ng		89
64) 4,6-Dinitro-2-methylphenol	15.39	198	70563	18.404	ng		87
65) n-Nitrosodiphenylamine	15.53	169	417975	20.055	ng		96
66) 4-Bromophenyl-phenylether	16.21	248	125998	19.979	ng	#	91
67) Hexachlorobenzene	16.32	284	146000	19.995	ng		92
68) Atrazine	16.49	200	79490	14.079	ng		96
69) Pentachlorophenol	16.66	266	82869	17.564	ng		97
70) Phenanthrene	17.05	178	709426	19.734	ng		99
71) Anthracene	17.14	178	697581	19.813	ng		98
72) Carbazole	17.41	167	649815	19.640	ng		96
73) Di-n-butylphthalate	18.00	149	739067	19.603	ng		99
74) Fluoranthene	19.07	202	705378	19.467	ng		94
76) Benzidine	19.26	184	193143	13.871	ng		95
77) Pyrene	19.43	202	741320	20.016	ng		100
79) Butylbenzylphthalate	20.36	149	279386	17.907	ng		95
80) Benzo(a)anthracene	21.20	228	636424	19.642	ng		98
81) 3,3'-Dichlorobenzidine	21.13	252	183117	17.954	ng	#	95
82) Chrysene	21.25	228	616179	19.643	ng		98
83) Bis(2-ethylhexyl)phthalate	21.16	149	433026	18.170	ng	#	95
84) Di-n-octyl phthalate	22.03	149	597769	17.531	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.24	276	527563	19.555	ng	#	92
87) Benzo(b)fluoranthene	22.75	252	595043	20.010	ng	#	96
88) Benzo(k)fluoranthene	22.79	252	571266	19.289	ng	#	95
89) Benzo(a)pyrene	23.30	252	539593	19.885	ng	#	94
90) Dibenzo(a,h)anthracene	25.59	278	544294	20.356	ng	#	93
91) Benzo(g,h,i)perylene	26.24	276	527563	20.209	ng	#	88

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

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