Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003292.D
Acq On : 25 Oct 2018 03:31
Operator : MJ/SJ
Sample : J5164-08
Misc : LOQ 20PPM
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT4-2018

Quant Time: Oct 25 07:26:11 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-BN102418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 24 14:21:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	89052	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	420031	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	265306	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	631977	20.00	ng	0.00
76) Chrysene-d12	21.20	240	688550	20.00	ng	0.00
87) Perylene-d12	23.41	264	697573	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	796297	155.75	ng	0.00
7) Phenol-d6	6.80	99	1125855	154.86	ng	0.00
23) Nitrobenzene-d5	8.75	82	607390	82.93	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	525310	147.05	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1600228	81.81	ng	0.00
79) Terphenyl-d14	19.64	244	2562035	79.57	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	40732	16.779	ng	97
3) Pyridine	3.59	79	102516	18.480	ng	97
4) n-Nitrosodimethylamine	3.52	42	43342	21.221	ng	96
6) Aniline	6.94	93	178655	19.679	ng	98
8) 2-Chlorophenol	7.17	128	131038	20.808	ng	97
9) Benzaldehyde	6.76	77	82887	19.631	ng	94
10) Phenol	6.82	94	167416	21.822	ng	96
11) bis(2-Chloroethyl)ether	7.04	93	125303	19.996	ng	99
12) 1,3-Dichlorobenzene	7.49	146	136936	19.558	ng	98
13) 1,4-Dichlorobenzene	7.63	146	141112	19.573	ng	99
14) 1,2-Dichlorobenzene	7.95	146	136511	19.510	ng	97
15) Benzyl Alcohol	7.85	79	99873	19.063	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	185833	20.227	ng	98
17) 2-Methylphenol	8.06	107	114466	21.831	ng	97
18) Hexachloroethane	8.65	117	48643	19.260	ng	95
19) n-Nitroso-di-n-propylamine	8.40	70	102675	19.585	ng	99
20) 3+4-Methylphenols	8.39	107	159931	21.473	ng	97
22) Acetophenone	8.42	105	199652	19.610	ng	98
24) Nitrobenzene	8.79	77	148047	19.809	ng	99
25) Isophorone	9.31	82	287560	22.383	ng	99
26) 2-Nitrophenol	9.50	139	75509	19.195	ng	100
27) 2,4-Dimethylphenol	9.58	122	130899	23.666	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	181069	20.921	ng	98
29) 2,4-Dichlorophenol	10.05	162	134524	21.313	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	136281	18.993	ng	99
31) Naphthalene	10.42	128	430004	20.950	ng	99
32) Benzoic acid	9.74	122	56896	15.777	ng	95
33) 4-Chloroaniline	10.56	127	166284	18.334	ng	98
34) Hexachlorobutadiene	10.69	225	78702	18.380	ng	97
35) Caprolactam	11.32	113	46475	18.805	ng	97
36) 4-Chloro-3-methylphenol	11.69	107	148222	21.056	ng	96
37) 2-Methylnaphthalene	12.04	142	328887	22.422	ng	99
38) 1-Methylnaphthalene	12.26	142	316017	22.059	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	163507	18.630	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.38	237	56046	22.012	ng	97
43) 2,4,6-Trichlorophenol	12.67	196	108007	19.478	ng	99
44) 2,4,5-Trichlorophenol	12.76	196	112808	19.503	ng	98
46) 1,1'-Biphenyl	13.06	154	426283	18.307	ng	100
47) 2-Chloronaphthalene	13.10	162	330031	19.215	ng	99
48) 2-Nitroaniline	13.33	65	97382	19.296	ng	98
49) Acenaphthylene	13.96	152	557680	21.213	ng	100
50) Dimethylphthalate	13.70	163	439547	20.490	ng	99
51) 2,6-Dinitrotoluene	13.83	165	98167	20.162	ng	98
52) Acenaphthene	14.30	154	324004	20.341	ng	100
53) 3-Nitroaniline	14.17	138	86148	16.552	ng	97
54) 2,4-Dinitrophenol	14.42	184	39462	19.413	ng	97
55) Dibenzofuran	14.64	168	522402	20.158	ng	99
56) 4-Nitrophenol	14.53	139	55406	19.188	ng	94
57) 2,4-Dinitrotoluene	14.65	165	136753	20.715	ng	100
58) Fluorene	15.29	166	428291	21.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.89	232	107542	21.173	ng	99
60) Diethylphthalate	15.07	149	441548	20.284	ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	211765	19.060	ng	97
62) 4-Nitroaniline	15.35	138	94676	18.619	ng	98
63) Azobenzene	15.59	77	409906	20.375	ng	98
65) 4,6-Dinitro-2-methylphenol	15.42	198	73624	16.696	ng	94
66) n-Nitrosodiphenylamine	15.51	169	379968	19.206	ng	98
67) 4-Bromophenyl-phenylether	16.19	248	135783	19.077	ng	98
68) Hexachlorobenzene	16.31	284	153971	18.989	ng	98
69) Atrazine	16.47	200	140310	20.012	ng	97
70) Pentachlorophenol	16.67	266	48674	17.446	ng	97
71) Phenanthrene	17.04	178	690347	20.778	ng	99
72) Anthracene	17.13	178	707438	21.338	ng	100
73) Carbazole	17.42	167	650916	18.959	ng	99
74) Di-n-butylphthalate	17.96	149	779993	19.476	ng	100
75) Fluoranthene	19.07	202	824866	21.073	ng	99
77) Benzidine	19.26	184	259050	12.851	ng	98
78) Pyrene	19.43	202	836077	20.660	ng	99
80) Butylbenzylphthalate	20.33	149	368763	19.625	ng	98
81) Benzo(a)anthracene	21.19	228	844214	21.054	ng	100
82) 3,3'-Dichlorobenzidine	21.13	252	262522	15.821	ng	99
83) Chrysene	21.25	228	801392	20.790	ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	542217	19.458	ng	100
85) Di-n-octyl phthalate	21.99	149	945169	19.766	ng	100
86) Indeno(1,2,3-cd)pyrene	25.61	276	872712	19.755	ng	99
88) Benzo(b)fluoranthene	22.75	252	848630	22.095	ng	99
89) Benzo(k)fluoranthene	22.80	252	816815	21.684	ng	99
90) Benzo(a)pyrene	23.32	252	809363	22.111	ng	99
91) Dibenzo(a,h)anthracene	25.62	278	736346	20.324	ng	99
92) Benzo(g,h,i)perylene	26.28	276	708562	20.371	ng	99

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

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