Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102418\
Data File : BN003295.D
Acq On : 25 Oct 2018 05:16
Operator : MJ/SJ
Sample : J5164-09
Misc : MDL 5PPM
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-WATER-03-QT4-2018

Quant Time: Oct 25 07:18:57 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	86292	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	401801	20.00	ng		0.00
39) Acenaphthene-d10	14.24	164	257300	20.00	ng		0.00
64) Phenanthrene-d10	17.00	188	608075	20.00	ng		0.00
76) Chrysene-d12	21.20	240	688542	20.00	ng		0.00
87) Perylene-d12	23.41	264	711441	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	743002	149.97	ng		0.00
7) Phenol-d6	6.80	99	1048508	148.83	ng		0.00
23) Nitrobenzene-d5	8.75	82	600000	85.64	ng		0.00
42) 2,4,6-Tribromophenol	15.75	330	513727	148.28	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1611760	84.97	ng		0.00
79) Terphenyl-d14	19.64	244	2598801	80.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	10334	4.393	ng	#	80
3) Pyridine	3.61	79	24181	4.498	ng		94
4) n-Nitrosodimethylamine	3.53	42	9249	4.673	ng	#	86
6) Aniline	6.95	93	39677	4.510	ng		99
8) 2-Chlorophenol	7.18	128	31567	5.173	ng		98
9) Benzaldehyde	6.78	77	22806	5.574	ng		96
10) Phenol	6.82	94	40840	5.493	ng		87
11) bis(2-Chloroethyl)ether	7.04	93	31109	5.123	ng		94
12) 1,3-Dichlorobenzene	7.49	146	35266	5.198	ng		99
13) 1,4-Dichlorobenzene	7.63	146	35814	5.127	ng		97
14) 1,2-Dichlorobenzene	7.95	146	35005	5.163	ng		96
15) Benzyl Alcohol	7.86	79	17740	3.494	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.12	45	46478	5.221	ng		94
17) 2-Methylphenol	8.06	107	27381	5.389	ng		95
18) Hexachloroethane	8.65	117	12161	4.969	ng		94
19) n-Nitroso-di-n-propylamine	8.40	70	23830	4.691	ng		99
20) 3+4-Methylphenols	8.41	107	36870	5.109	ng	#	81
22) Acetophenone	8.43	105	47983	4.927	ng	#	93
24) Nitrobenzene	8.80	77	38295	5.356	ng		99
25) Isophorone	9.32	82	68428	5.568	ng		99
26) 2-Nitrophenol	9.52	139	16572	4.404	ng		98
27) 2,4-Dimethylphenol	9.60	122	29754	5.624	ng		99
28) bis(2-Chloroethoxy)methane	9.80	93	43855	5.297	ng		98
29) 2,4-Dichlorophenol	10.10	162	29392	4.868	ng		97
30) 1,2,4-Trichlorobenzene	10.25	180	33376	4.862	ng		95
31) Naphthalene	10.42	128	108209	5.511	ng		97
32) Benzoic acid	9.74	122	1793	5.361	ng	#	60
33) 4-Chloroaniline	10.57	127	36561	4.214	ng		99
34) Hexachlorobutadiene	10.69	225	19792	4.832	ng		99
35) Caprolactam	11.33	113	9197	3.890	ng		92
36) 4-Chloro-3-methylphenol	11.72	107	32506	4.827	ng		98
37) 2-Methylnaphthalene	12.05	142	82223	5.860	ng		98
38) 1-Methylnaphthalene	12.26	142	79126	5.774	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	40259	4.730	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	5663	10.291	ng		93
43) 2,4,6-Trichlorophenol	12.69	196	24558	4.566	ng		98
44) 2,4,5-Trichlorophenol	12.79	196	26503	4.725	ng		97
46) 1,1'-Biphenyl	13.07	154	109552	4.851	ng		99
47) 2-Chloronaphthalene	13.11	162	82851	4.974	ng		98
48) 2-Nitroaniline	13.35	65	19763	4.038	ng		96
49) Acenaphthylene	13.96	152	138336	5.426	ng		99
50) Dimethylphthalate	13.71	163	108209	5.201	ng		98
51) 2,6-Dinitrotoluene	13.84	165	22564	4.779	ng		90
52) Acenaphthene	14.30	154	82242	5.324	ng		99
53) 3-Nitroaniline	14.20	138	18557	3.676	ng	#	91
54) 2,4-Dinitrophenol	14.48	184	3476	7.640	ng	#	76
55) Dibenzofuran	14.65	168	133725	5.321	ng		99
56) 4-Nitrophenol	14.65	139	57167	20.068	ng	#	17
57) 2,4-Dinitrotoluene	14.66	165	30328	4.737	ng		94
58) Fluorene	15.30	166	108197	5.579	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.90	232	22720	4.612	ng	#	97
60) Diethylphthalate	15.07	149	109230	5.174	ng		97
61) 4-Chlorophenyl-phenylether	15.29	204	54540	5.062	ng		98
62) 4-Nitroaniline	15.37	138	19333	3.920	ng		92
63) Azobenzene	15.59	77	100703	5.161	ng		97
65) 4,6-Dinitro-2-methylphenol	15.45	198	12820	3.022	ng		96
66) n-Nitrosodiphenylamine	15.52	169	96987	5.095	ng		98
67) 4-Bromophenyl-phenylether	16.19	248	33974	4.961	ng		98
68) Hexachlorobenzene	16.32	284	40235	5.157	ng		98
69) Atrazine	16.47	200	32214	4.775	ng		99
70) Pentachlorophenol	16.69	266	7746	8.338	ng		87
71) Phenanthrene	17.04	178	179048	5.601	ng		98
72) Anthracene	17.14	178	177408	5.561	ng		100
73) Carbazole	17.43	167	161871	4.900	ng		97
74) Di-n-butylphthalate	17.97	149	180555	4.685	ng		99
75) Fluoranthene	19.07	202	204573	5.432	ng		99
77) Benzidine	19.29	184	44234	2.194	ng		95
78) Pyrene	19.44	202	213267	5.270	ng		99
80) Butylbenzylphthalate	20.34	149	83519	4.445	ng		97
81) Benzo(a)anthracene	21.19	228	220778	5.506	ng		99
82) 3,3'-Dichlorobenzidine	21.13	252	65637	3.956	ng		98
83) Chrysene	21.24	228	210320	5.456	ng		99
84) Bis(2-ethylhexyl)phthalate	21.12	149	128170	4.599	ng		100
85) Di-n-octyl phthalate	21.98	149	223010	4.664	ng		98
86) Indeno(1,2,3-cd)pyrene	25.62	276	230471	5.217	ng		100
88) Benzo(b)fluoranthene	22.76	252	220360	5.625	ng		99
89) Benzo(k)fluoranthene	22.80	252	215344	5.605	ng		99
90) Benzo(a)pyrene	23.32	252	214753	5.752	ng		98
91) Dibenzo(a,h)anthracene	25.62	278	194968	5.276	ng		97
92) Benzo(g,h,i)perylene	26.30	276	191132	5.388	ng		97

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

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