Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN004991.D
Acq On : 27 Mar 2019 09:39
Operator : JU/SJ
Sample : K1560-08
Misc : LOO 20 PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT1-2019

Quant Time: Mar 28 04:46:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	10894	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	47263	20.00	ng		0.00
39) Acenaphthene-d10	14.32	164	27843	20.00	ng		0.00
64) Phenanthrene-d10	17.07	188	64119	20.00	ng		0.00
76) Chrysene-d12	21.27	240	70750	20.00	ng		0.00
87) Perylene-d12	23.51	264	68719	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	82647	131.16	ng		0.00
7) Phenol-d6	6.86	99	109001	130.42	ng		0.00
23) Nitrobenzene-d5	8.84	82	64771	82.90	ng		0.00
42) 2,4,6-Tribromophenol	15.82	330	65828	146.59	ng		0.00
45) 2-Fluorobiphenyl	12.94	172	174021	82.82	ng		0.00
79) Terphenyl-d14	19.70	244	291445	79.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	4449	19.375	ng		98
3) Pyridine	3.60	79	13337	20.784	ng		100
4) n-Nitrosodimethylamine	3.53	42	3992	19.083	ng	#	97
6) Aniline	7.02	93	21378	20.087	ng		100
8) 2-Chlorophenol	7.24	128	15767	19.711	ng		98
9) Benzaldehyde	6.83	77	10084	20.998	ng		98
10) Phenol	6.88	94	17610	19.664	ng		99
11) bis(2-Chloroethyl)ether	7.11	93	13842	19.988	ng		96
12) 1,3-Dichlorobenzene	7.56	146	17248	19.791	ng		99
13) 1,4-Dichlorobenzene	7.71	146	17449	19.780	ng		99
14) 1,2-Dichlorobenzene	8.02	146	16788	19.885	ng		99
15) Benzyl Alcohol	7.92	79	12247	19.261	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	16826	20.138	ng		99
17) 2-Methylphenol	8.12	107	12326	19.743	ng		99
18) Hexachloroethane	8.73	117	6083	19.455	ng		98
19) n-Nitroso-di-n-propylamine	8.48	70	11219	20.477	ng		98
20) 3+4-Methylphenols	8.45	107	16694	19.694	ng		99
22) Acetophenone	8.50	105	22591	20.939	ng		99
24) Nitrobenzene	8.88	77	16335	20.659	ng		99
25) Isophorone	9.39	82	32075	21.073	ng		100
26) 2-Nitrophenol	9.59	139	9148	19.925	ng		98
27) 2,4-Dimethylphenol	9.64	122	12997	20.333	ng		99
28) bis(2-Chloroethoxy)methane	9.88	93	19828	21.025	ng		99
29) 2,4-Dichlorophenol	10.11	162	14987	20.400	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	16623	20.541	ng		99
31) Naphthalene	10.51	128	51144	20.741	ng		99
32) Benzoic acid	9.78	122	8253	19.807	ng		99
33) 4-Chloroaniline	10.63	127	20970	20.902	ng		99
34) Hexachlorobutadiene	10.78	225	10697	20.428	ng		100
35) Caprolactam	11.41	113	5061	21.039	ng		98
36) 4-Chloro-3-methylphenol	11.76	107	16569	20.877	ng		99
37) 2-Methylnaphthalene	12.13	142	36758	21.110	ng		100
38) 1-Methylnaphthalene	12.35	142	36005	21.131	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	19974	20.226	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	9283	20.169	ng		100
43) 2,4,6-Trichlorophenol	12.75	196	12224	19.948	ng		99
44) 2,4,5-Trichlorophenol	12.82	196	13473	20.182	ng		99
46) 1,1'-Biphenyl	13.15	154	49185	20.872	ng		99
47) 2-Chloronaphthalene	13.19	162	37334	20.645	ng		99
48) 2-Nitroaniline	13.42	65	9771	20.298	ng		97
49) Acenaphthylene	14.05	152	63996	21.041	ng		99
50) Dimethylphthalate	13.78	163	48956	21.401	ng		100
51) 2,6-Dinitrotoluene	13.91	165	10993	21.119	ng		99
52) Acenaphthene	14.39	154	36111	21.105	ng		99
53) 3-Nitroaniline	14.25	138	11083	20.832	ng		96
54) 2,4-Dinitrophenol	14.46	184	5231	22.540	ng		99
55) Dibenzofuran	14.72	168	57822	21.238	ng		100
56) 4-Nitrophenol	14.56	139	8437	20.131	ng		100
57) 2,4-Dinitrotoluene	14.70	165	15406	21.779	ng		99
58) Fluorene	15.37	166	47571	21.630	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	12935	20.898	ng	#	99
60) Diethylphthalate	15.15	149	49829	21.830	ng		100
61) 4-Chlorophenyl-phenylether	15.37	204	24502	21.595	ng		99
62) 4-Nitroaniline	15.42	138	11333	21.202	ng		100
63) Azobenzene	15.66	77	40990	21.572	ng		99
65) 4,6-Dinitro-2-methylphenol	15.47	198	8132	20.777	ng		99
66) n-Nitrosodiphenylamine	15.59	169	41211	20.404	ng		99
67) 4-Bromophenyl-phenylether	16.26	248	16103	20.125	ng		98
68) Hexachlorobenzene	16.37	284	19114	20.390	ng		99
69) Atrazine	16.54	200	15070	20.885	ng		99
70) Pentachlorophenol	16.72	266	9278	18.824	ng		99
71) Phenanthrene	17.12	178	75163	20.863	ng		100
72) Anthracene	17.20	178	74928	20.894	ng		100
73) Carbazole	17.49	167	69377	21.255	ng		99
74) Di-n-butylphthalate	18.03	149	85006	21.378	ng		100
75) Fluoranthene	19.13	202	89281	21.722	ng		100
77) Benzidine	19.33	184	40433	18.338	ng		98
78) Pyrene	19.50	202	91132	19.291	ng		99
80) Butylbenzylphthalate	20.40	149	37752	19.667	ng		97
81) Benzo(a)anthracene	21.26	228	91247	20.705	ng		100
82) 3,3'-Dichlorobenzidine	21.19	252	34192	20.748	ng		100
83) Chrysene	21.31	228	87335	20.748	ng		99
84) Bis(2-ethylhexyl)phthalate	21.17	149	55632	20.947	ng		99
85) Di-n-octyl phthalate	22.05	149	93085	21.717	ng		100
86) Indeno(1,2,3-cd)pyrene	25.77	276	90592	18.943	ng		99
88) Benzo(b)fluoranthene	22.83	252	89117	21.069	ng		99
89) Benzo(k)fluoranthene	22.88	252	84840	21.872	ng		100
90) Benzo(a)pyrene	23.41	252	81128	20.959	ng		99
91) Dibenzo(a,h)anthracene	25.77	278	75295	19.376	ng		99
92) Benzo(g,h,i)perylene	26.46	276	71441	18.590	ng		99

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

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