Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040190.D
Acq On : 28 Mar 2019 3:08
Operator : JU/SJ
Sample : K1560-08
Misc : LOQ 20PPM
ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Mar 28 06:42:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58541	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	245330	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	150486	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	350069	20.00	ng		0.00
76) Chrysene-d12	21.72	240	351141	20.00	ng		0.00
87) Perylene-d12	25.02	264	363953	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	383920	109.02	ng		0.00
7) Phenol-d6	7.22	99	527361	108.36	ng		0.00
23) Nitrobenzene-d5	9.25	82	324645	70.34	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	185902	114.31	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	723544	71.24	ng		0.00
79) Terphenyl-d14	20.04	244	1120267	71.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	27552	16.639	ng		94
3) Pyridine	3.93	79	78584	17.627	ng		98
4) n-Nitrosodimethylamine	3.85	42	33908	16.442	ng		89
6) Aniline	7.40	93	102986	16.288	ng		99
8) 2-Chlorophenol	7.63	128	68256	16.558	ng		91
9) Benzaldehyde	7.21	77	59715	17.888	ng		95
10) Phenol	7.25	94	90481	17.129	ng		97
11) bis(2-Chloroethyl)ether	7.49	93	69786	16.494	ng		99
12) 1,3-Dichlorobenzene	7.96	146	78020	17.411	ng		96
13) 1,4-Dichlorobenzene	8.11	146	77197	17.297	ng		95
14) 1,2-Dichlorobenzene	8.42	146	73939	17.324	ng		99
15) Benzyl Alcohol	8.31	79	62046	15.831	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	137439	16.926	ng		98
17) 2-Methylphenol	8.50	107	58169	15.914	ng		93
18) Hexachloroethane	9.15	117	28399	16.728	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	58406	16.739	ng		98
20) 3+4-Methylphenols	8.83	107	80296	16.215	ng		98
22) Acetophenone	8.90	105	109012	17.813	ng	#	96
24) Nitrobenzene	9.29	77	84207	17.618	ng		97
25) Isophorone	9.80	82	165640	17.442	ng		99
26) 2-Nitrophenol	10.00	139	37843	16.710	ng		96
27) 2,4-Dimethylphenol	10.04	122	59883	16.646	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	99283	17.671	ng		100
29) 2,4-Dichlorophenol	10.53	162	65635	16.809	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	75153	17.528	ng		96
31) Naphthalene	10.94	128	228515	18.172	ng		98
32) Benzoic acid	10.16	122	22992	10.578	ng		95
33) 4-Chloroaniline	11.05	127	94320	17.584	ng		98
34) Hexachlorobutadiene	11.20	225	48666	17.748	ng		91
35) Caprolactam	11.82	113	25900	16.715	ng		87
36) 4-Chloro-3-methylphenol	12.15	107	76112	16.956	ng		99
37) 2-Methylnaphthalene	12.53	142	165103	17.753	ng		98
38) 1-Methylnaphthalene	12.75	142	161794	17.940	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85642	17.906	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	40402	15.384	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	51923	16.838	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	53285	15.853	ng		97
46) 1,1'-Biphenyl	13.53	154	213250	17.935	ng		98
47) 2-Chloronaphthalene	13.58	162	161390	17.695	ng		100
48) 2-Nitroaniline	13.79	65	50776	16.505	ng		94
49) Acenaphthylene	14.43	152	280140	18.116	ng		99
50) Dimethylphthalate	14.15	163	211004	17.916	ng		99
51) 2,6-Dinitrotoluene	14.28	165	45874	17.347	ng		98
52) Acenaphthene	14.76	154	159813	18.036	ng		98
53) 3-Nitroaniline	14.62	138	47626	17.014	ng	#	90
54) 2,4-Dinitrophenol	14.82	184	19846	14.111	ng		85
55) Dibenzofuran	15.10	168	261020	18.332	ng		97
56) 4-Nitrophenol	14.91	139	36007	15.938	ng		97
57) 2,4-Dinitrotoluene	15.06	165	63837	17.373	ng		97
58) Fluorene	15.74	166	203968	18.220	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	50994	16.719	ng	#	98
60) Diethylphthalate	15.50	149	216807	17.989	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	106763	17.842	ng		99
62) 4-Nitroaniline	15.77	138	52478	17.469	ng		97
63) Azobenzene	16.03	77	200186	17.609	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	29507	15.003	ng		92
66) n-Nitrosodiphenylamine	15.95	169	181436	17.711	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	69256	17.580	ng		98
68) Hexachlorobenzene	16.74	284	72971	18.422	ng		95
69) Atrazine	16.89	200	67362	17.677	ng		98
70) Pentachlorophenol	17.09	266	34045	14.867	ng		95
71) Phenanthrene	17.49	178	346607	18.837	ng		99
72) Anthracene	17.58	178	336575	18.275	ng		98
73) Carbazole	17.85	167	320265	18.375	ng		99
74) Di-n-butylphthalate	18.38	149	374203	18.112	ng		99
75) Fluoranthene	19.49	202	416480	19.115	ng		98
77) Benzidine	19.67	184	179072	14.122	ng		97
78) Pyrene	19.86	202	425758	18.438	ng		99
80) Butylbenzylphthalate	20.73	149	165148	16.713	ng		94
81) Benzo(a)anthracene	21.70	228	394862	18.257	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	140321	17.055	ng		97
83) Chrysene	21.77	228	375445	18.062	ng		97
84) Bis(2-ethylhexyl)phthalate	21.57	149	236418	16.738	ng		99
85) Di-n-octyl phthalate	22.80	149	396498	16.476	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	439478	17.287	ng		99
88) Benzo(b)fluoranthene	23.96	252	401110	18.001	ng		99
89) Benzo(k)fluoranthene	24.03	252	377582	18.426	ng		97
90) Benzo(a)pyrene	24.86	252	374784	17.926	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	354016	18.232	ng		97
92) Benzo(g,h,i)perylene	29.99	276	360516	18.066	ng		100

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

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