Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
Data File : BP001002.D
Acq On : 07 Nov 2019 13:36
Operator : JU
Sample : K5111-08
Misc : LOQ-W-10PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2019

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:50 PM

Quant Time: Nov 07 14:38:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 11:57:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	231117	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	870032	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	506965	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	1036853	20.00	ng	0.00
76) Chrysene-d12	19.29	240	949642	20.00	ng	0.00
87) Perylene-d12	21.07	264	1061968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1804084	142.08	ng	0.00
7) Phenol-d6	7.82	99	2259265	140.71	ng	0.00
23) Nitrobenzene-d5	9.25	82	1586068	100.84	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	852327	140.83	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	3333666	99.04	ng	0.00
79) Terphenyl-d14	17.94	244	4352724	91.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.84	88	49640	8.992	ng	99
3) Pyridine	3.73	79	117753	8.067	ng	97
4) n-Nitrosodimethylamine	3.59	42	50399	9.907	ng	96
6) Aniline	7.86	93	219327	10.459	ng	99
8) 2-Chlorophenol	8.04	128	139489	10.360	ng	97
9) Benzaldehyde	7.68	77	123198	10.997	ng	99
10) Phenol	7.83	94	177324m	10.097	ng	
11) bis(2-Chloroethyl)ether	7.98	93	138948	10.163	ng	98
12) 1,3-Dichlorobenzene	8.28	146	168622	9.982	ng	96
13) 1,4-Dichlorobenzene	8.40	146	171602	10.085	ng	97
14) 1,2-Dichlorobenzene	8.64	146	158237	10.056	ng	99
15) Benzyl Alcohol	8.60	79	146828	12.000	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.83	45	135539	9.493	ng	99
17) 2-Methylphenol	8.78	107	115294	10.085	ng	100
18) Hexachloroethane	9.18	117	60128	9.620	ng	96
19) n-Nitroso-di-n-propylamine	9.03	70	99391	10.309	ng	99
20) 3+4-Methylphenols	9.03	107	150445	10.608	ng	98
22) Acetophenone	9.02	105	213683	9.510	ng	99
24) Nitrobenzene	9.28	77	157585	9.985	ng	98
25) Isophorone	9.67	82	275832	9.528	ng	100
26) 2-Nitrophenol	9.79	139	47177	7.999	ng	95
27) 2,4-Dimethylphenol	9.88	122	121185	10.973	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	172200	9.098	ng	99
29) 2,4-Dichlorophenol	10.18	162	123567	9.270	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	154473	9.433	ng	99
31) Naphthalene	10.43	128	435906	10.028	ng	99
32) Benzoic acid	9.97	122	18977	3.174	ng	93
33) 4-Chloroaniline	10.53	127	173001	9.281	ng	99
34) Hexachlorobutadiene	10.66	225	99884	9.232	ng	100
35) Caprolactam	11.05	113	35240	8.376	ng	90
36) 4-Chloro-3-methylphenol	11.32	107	126639	9.149	ng	99
37) 2-Methylnaphthalene	11.56	142	305848	10.053	ng	99
38) 1-Methylnaphthalene	11.72	142	289132	10.057	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	170725	10.114	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	93972	11.112	ng		99
43) 2,4,6-Trichlorophenol	12.03	196	86245	8.474	ng		97
44) 2,4,5-Trichlorophenol	12.07	196	97728	8.981	ng		98
46) 1,1'-Biphenyl	12.33	154	388821	10.257	ng		100
47) 2-Chloronaphthalene	12.36	162	296789	9.726	ng		99
48) 2-Nitroaniline	12.52	65	63868	7.996	ng		97
49) Acenaphthylene	13.03	152	474911	10.237	ng		99
50) Dimethylphthalate	12.85	163	361435	9.642	ng		99
51) 2,6-Dinitrotoluene	12.93	165	70774	9.051	ng		95
52) Acenaphthene	13.32	154	273568	9.859	ng		97
53) 3-Nitroaniline	13.19	138	68504	8.032	ng		97
54) 2,4-Dinitrophenol	13.36	184	10176	5.279	ng	#	84
55) Dibenzofuran	13.60	168	453329	10.460	ng		98
56) 4-Nitrophenol	13.46	139	44728	7.541	ng		95
57) 2,4-Dinitrotoluene	13.58	165	83065	8.457	ng		94
58) Fluorene	14.16	166	347077	10.063	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.80	232	72585	7.845	ng		95
60) Diethylphthalate	14.02	149	344216	9.141	ng		99
61) 4-Chlorophenyl-phenylether	14.18	204	187095	10.259	ng		99
62) 4-Nitroaniline	12.52	138	70604	7.721	ng		98
63) Azobenzene	14.44	77	317421	9.632	ng		99
65) 4,6-Dinitro-2-methylphenol	14.25	198	18488	6.320	ng		97
66) n-Nitrosodiphenylamine	14.37	169	299486	10.046	ng		99
67) 4-Bromophenyl-phenylether	14.98	248	113781	9.322	ng		94
68) Hexachlorobenzene	15.06	284	133528	9.440	ng		99
69) Atrazine	15.25	200	92789	8.548	ng		98
70) Pentachlorophenol	15.37	266	41982	6.668	ng		98
71) Phenanthrene	15.69	178	548513	10.336	ng		98
72) Anthracene	15.77	178	548556	10.596	ng		100
73) Carbazole	16.01	167	481273	10.140	ng		99
74) Di-n-butylphthalate	16.57	149	492930	8.606	ng		99
75) Fluoranthene	17.40	202	610398	10.176	ng		99
77) Benzidine	17.59	184	266005	7.606	ng	#	95
78) Pyrene	17.70	202	645470	9.618	ng		99
80) Butylbenzylphthalate	18.59	149	183031	6.888	ng		98
81) Benzo(a)anthracene	19.28	228	607465	9.498	ng		100
82) 3,3'-Dichlorobenzidine	19.25	252	213866	9.171	ng		98
83) Chrysene	19.33	228	589575	10.500	ng		99
84) Bis(2-ethylhexyl)phthalate	19.34	149	286723	8.486	ng		98
85) Di-n-octyl phthalate	20.12	149	417496	6.864	ng		100
86) Indeno(1,2,3-cd)pyrene	22.73	276	658567	8.572	ng		100
88) Benzo(b)fluoranthene	20.58	252	595648	9.410	ng		99
89) Benzo(k)fluoranthene	20.62	252	600614	10.079	ng		99
90) Benzo(a)pyrene	21.00	252	529616	9.099	ng		99
91) Dibenzo(a,h)anthracene	22.76	278	564039	9.494	ng		98
92) Benzo(g,h,i)perylene	23.23	276	563526	9.420	ng		98

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

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