Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
Data File : BP001004.D
Acq On : 07 Nov 2019 17:06
Operator : JU
Sample : K5111-08
Misc : LOQ-W-10PPM
ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:52 PM

Quant Time: Nov 07 18:32:04 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	216014	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	820018	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	494310	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	1021658	20.00	ng		0.00
76) Chrysene-d12	19.29	240	918686	20.00	ng		0.00
87) Perylene-d12	21.07	264	1026838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	1686202	142.08	ng		0.00
7) Phenol-d6	7.82	99	2116309	141.02	ng		0.00
23) Nitrobenzene-d5	9.25	82	1510587	101.90	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	841863	142.67	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	3226057	98.29	ng		0.00
79) Terphenyl-d14	17.94	244	4290046	92.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	51204	9.923	ng		99
3) Pyridine	3.73	79	117591	8.619	ng		99
4) n-Nitrosodimethylamine	3.58	42	47385	9.966	ng		95
6) Aniline	7.85	93	219231	11.185	ng		98
8) 2-Chlorophenol	8.03	128	139285	11.068	ng		98
9) Benzaldehyde	7.68	77	122679	11.716	ng		98
10) Phenol	7.83	94	175328m	10.681	ng		
11) bis(2-Chloroethyl)ether	7.98	93	140397	10.987	ng		99
12) 1,3-Dichlorobenzene	8.28	146	168734	10.687	ng		99
13) 1,4-Dichlorobenzene	8.40	146	173232	10.893	ng		98
14) 1,2-Dichlorobenzene	8.64	146	161744	10.998	ng		98
15) Benzyl Alcohol	8.59	79	146244	12.788	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.83	45	137091	10.273	ng		98
17) 2-Methylphenol	8.78	107	119198	11.156	ng		97
18) Hexachloroethane	9.18	117	60909	10.427	ng		97
19) n-Nitroso-di-n-propylamine	9.03	70	99600	11.053	ng		98
20) 3+4-Methylphenols	9.02	107	151635m	11.439	ng		
22) Acetophenone	9.01	105	219165	10.349	ng	#	98
24) Nitrobenzene	9.28	77	161204	10.837	ng		96
25) Isophorone	9.67	82	282520	10.354	ng		99
26) 2-Nitrophenol	9.79	139	47904	8.618	ng		97
27) 2,4-Dimethylphenol	9.88	122	120956	11.620	ng		100
28) bis(2-Chloroethoxy)methane	10.03	93	180139	10.097	ng		97
29) 2,4-Dichlorophenol	10.18	162	128200	10.204	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	159056	10.305	ng		99
31) Naphthalene	10.43	128	444591	10.852	ng		100
32) Benzoic acid	9.97	122	28280m	5.019	ng		
33) 4-Chloroaniline	10.53	127	179670	10.227	ng		99
34) Hexachlorobutadiene	10.66	225	102176	10.020	ng		98
35) Caprolactam	11.05	113	37658	9.496	ng		95
36) 4-Chloro-3-methylphenol	11.32	107	131189	10.056	ng		98
37) 2-Methylnaphthalene	11.56	142	315436	11.000	ng		99
38) 1-Methylnaphthalene	11.72	142	299503	11.054	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	176155	10.702	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	93904	11.389	ng		97
43) 2,4,6-Trichlorophenol	12.03	196	90762	9.146	ng		97
44) 2,4,5-Trichlorophenol	12.08	196	105417	9.935	ng		100
46) 1,1'-Biphenyl	12.33	154	406683	11.003	ng		100
47) 2-Chloronaphthalene	12.35	162	313460	10.535	ng		99
48) 2-Nitroaniline	12.52	65	69174	8.882	ng		98
49) Acenaphthylene	13.03	152	494658	10.936	ng		99
50) Dimethylphthalate	12.85	163	381901	10.448	ng		99
51) 2,6-Dinitrotoluene	12.93	165	73955	9.700	ng		91
52) Acenaphthene	13.32	154	289596	10.704	ng		98
53) 3-Nitroaniline	13.19	138	74928	9.010	ng		97
54) 2,4-Dinitrophenol	13.36	184	10916	5.808	ng	#	83
55) Dibenzofuran	13.60	168	467486	11.063	ng		100
56) 4-Nitrophenol	13.46	139	49534	8.565	ng		96
57) 2,4-Dinitrotoluene	13.58	165	90714	9.472	ng		95
58) Fluorene	14.16	166	364946	10.852	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	81167m	8.997	ng		
60) Diethylphthalate	14.02	149	367105	9.999	ng		99
61) 4-Chlorophenyl-phenylether	14.18	204	194361	10.930	ng		100
62) 4-Nitroaniline	12.52	138	75868	8.509	ng		99
63) Azobenzene	14.44	77	337918	10.516	ng		98
65) 4,6-Dinitro-2-methylphenol	14.25	198	21257	7.375	ng		98
66) n-Nitrosodiphenylamine	14.37	169	320412	10.908	ng		99
67) 4-Bromophenyl-phenylether	14.98	248	121673	10.117	ng		95
68) Hexachlorobenzene	15.06	284	144183	10.345	ng		98
69) Atrazine	15.25	200	98788	9.236	ng		98
70) Pentachlorophenol	15.36	266	47534	7.662	ng		97
71) Phenanthrene	15.69	178	576946	11.034	ng		98
72) Anthracene	15.77	178	570615	11.187	ng		100
73) Carbazole	16.01	167	504819	10.794	ng		99
74) Di-n-butylphthalate	16.57	149	536586	9.507	ng		99
75) Fluoranthene	17.40	202	643214	10.883	ng		99
77) Benzidine	17.59	184	286569	8.470	ng		97
78) Pyrene	17.70	202	681424	10.496	ng		99
80) Butylbenzylphthalate	18.59	149	199377	7.756	ng		99
81) Benzo(a)anthracene	19.28	228	643849	10.406	ng		99
82) 3,3'-Dichlorobenzidine	19.25	252	228344	10.122	ng		99
83) Chrysene	19.33	228	615370	11.328	ng		99
84) Bis(2-ethylhexyl)phthalate	19.33	149	306012	9.362	ng		99
85) Di-n-octyl phthalate	20.12	149	447292	7.601	ng		100
86) Indeno(1,2,3-cd)pyrene	22.73	276	693008	9.324	ng		100
88) Benzo(b)fluoranthene	20.58	252	653826	10.682	ng		98
89) Benzo(k)fluoranthene	20.61	252	617118	10.711	ng		99
90) Benzo(a)pyrene	21.00	252	559402	9.939	ng		100
91) Dibenzo(a,h)anthracene	22.76	278	588768	10.249	ng		99
92) Benzo(g,h,i)perylene	23.23	276	593206	10.256	ng		97

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

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