Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110719\
Data File : BP001000.D
Acq On : 07 Nov 2019 12:37
Operator : JU
Sample : K5111-07
Misc : LOD-MDL-W-5PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:48 PM

Quant Time: Nov 07 14:34:28 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	232519	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	896968	20.00	ng		0.00
39) Acenaphthene-d10	13.26	164	541629	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	1127625	20.00	ng		0.00
76) Chrysene-d12	19.29	240	1016728	20.00	ng		0.00
87) Perylene-d12	21.07	264	1108178	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	1805634	141.35	ng		0.00
7) Phenol-d6	7.82	99	2269243	140.47	ng		0.00
23) Nitrobenzene-d5	9.25	82	1633644	100.75	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	933171	144.32	ng		0.00
45) 2-Fluorobiphenyl	12.18	172	3589172	99.80	ng		0.00
79) Terphenyl-d14	17.94	244	4792484	93.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	25900	4.663	ng		95
3) Pyridine	3.78	79	57200	3.895	ng		98
4) n-Nitrosodimethylamine	3.60	42	21306	4.163	ng		95
6) Aniline	7.86	93	112352	5.325	ng		99
8) 2-Chlorophenol	8.04	128	72831	5.376	ng		99
9) Benzaldehyde	7.68	77	62143	5.513	ng		96
10) Phenol	7.83	94	88239m	4.994	ng		
11) bis(2-Chloroethyl)ether	7.98	93	72924	5.302	ng		98
12) 1,3-Dichlorobenzene	8.28	146	86540	5.092	ng		99
13) 1,4-Dichlorobenzene	8.40	146	87879	5.133	ng		98
14) 1,2-Dichlorobenzene	8.64	146	83612	5.282	ng		99
15) Benzyl Alcohol	8.60	79	90632	7.362	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.83	45	72047	5.015	ng		98
17) 2-Methylphenol	8.78	107	59586	5.181	ng		98
18) Hexachloroethane	9.18	117	30992	4.929	ng		94
19) n-Nitroso-di-n-propylamine	9.03	70	52428	5.405	ng		98
20) 3+4-Methylphenols	9.03	107	78326	5.489	ng		97
22) Acetophenone	9.01	105	110363	4.764	ng	#	99
24) Nitrobenzene	9.28	77	85876	5.278	ng		98
25) Isophorone	9.67	82	145588	4.878	ng		99
26) 2-Nitrophenol	9.79	139	22492	3.699	ng		97
27) 2,4-Dimethylphenol	9.88	122	64028	5.623	ng		99
28) bis(2-Chloroethoxy)methane	10.03	93	93537	4.793	ng		98
29) 2,4-Dichlorophenol	10.18	162	59922	4.360	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	82175	4.867	ng		99
31) Naphthalene	10.43	128	232415	5.186	ng		99
32) Benzoic acid	9.96	122	5564m	0.903	ng		
33) 4-Chloroaniline	10.53	127	91998	4.787	ng		99
34) Hexachlorobutadiene	10.66	225	52931	4.745	ng		97
35) Caprolactam	11.04	113	17530	4.041	ng		96
36) 4-Chloro-3-methylphenol	11.32	107	65726	4.606	ng		97
37) 2-Methylnaphthalene	11.56	142	163631	5.217	ng		100
38) 1-Methylnaphthalene	11.72	142	156162	5.269	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	93730	5.197	ng		98

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Misc : LOD-MDL-W-5PPM
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	49546	5.484	ng		98
43) 2,4,6-Trichlorophenol	12.03	196	42205	3.881	ng		99
44) 2,4,5-Trichlorophenol	12.07	196	51012	4.388	ng		99
46) 1,1'-Biphenyl	12.33	154	214673	5.301	ng		99
47) 2-Chloronaphthalene	12.36	162	165055	5.063	ng		98
48) 2-Nitroaniline	12.52	65	30646	3.591	ng		95
49) Acenaphthylene	13.03	152	254717	5.139	ng		99
50) Dimethylphthalate	12.85	163	198798	4.964	ng		100
51) 2,6-Dinitrotoluene	12.93	165	35676	4.270	ng		94
52) Acenaphthene	13.32	154	151721	5.118	ng		99
53) 3-Nitroaniline	13.18	138	34388	3.774	ng	#	95
54) 2,4-Dinitrophenol	13.36	184	3594	1.745	ng		88
55) Dibenzofuran	13.60	168	249116	5.380	ng		98
56) 4-Nitrophenol	13.46	139	21538	3.399	ng		97
57) 2,4-Dinitrotoluene	13.58	165	40042	3.816	ng	#	97
58) Fluorene	14.16	166	190918	5.181	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	34656	3.506	ng		97
60) Diethylphthalate	14.02	149	191754	4.767	ng		97
61) 4-Chlorophenyl-phenylether	14.18	204	105614	5.421	ng		98
62) 4-Nitroaniline	12.52	138	34499	3.531	ng		98
63) Azobenzene	14.44	77	173716	4.934	ng		98
65) 4,6-Dinitro-2-methylphenol	14.25	198	8275	2.601	ng		93
66) n-Nitrosodiphenylamine	14.37	169	167228	5.158	ng		98
67) 4-Bromophenyl-phenylether	14.98	248	64615	4.868	ng		93
68) Hexachlorobenzene	15.06	284	76154	4.950	ng		99
69) Atrazine	15.25	200	49432	4.187	ng		97
70) Pentachlorophenol	15.37	266	19722	2.880	ng		96
71) Phenanthrene	15.69	178	304521	5.276	ng		99
72) Anthracene	15.77	178	298700	5.306	ng		100
73) Carbazole	16.01	167	261821	5.072	ng		98
74) Di-n-butylphthalate	16.57	149	255923	4.108	ng		98
75) Fluoranthene	17.40	202	326781	5.009	ng		98
77) Benzidine	17.59	184	132583	3.541	ng		96
78) Pyrene	17.70	202	352134	4.901	ng		98
80) Butylbenzylphthalate	18.59	149	87338	3.070	ng		98
81) Benzo(a)anthracene	19.28	228	332749	4.859	ng		98
82) 3,3'-Dichlorobenzidine	19.25	252	109087	4.369	ng		100
83) Chrysene	19.32	228	326928	5.438	ng		99
84) Bis(2-ethylhexyl)phthalate	19.34	149	148088	4.094	ng		98
85) Di-n-octyl phthalate	20.12	149	190965	2.932	ng		99
86) Indeno(1,2,3-cd)pyrene	22.73	276	325904	3.962	ng		99
88) Benzo(b)fluoranthene	20.58	252	313275	4.742	ng		98
89) Benzo(k)fluoranthene	20.62	252	316442	5.089	ng		99
90) Benzo(a)pyrene	21.00	252	273044	4.495	ng		99
91) Dibenzo(a,h)anthracene	22.76	278	284120	4.583	ng		98
92) Benzo(g,h,i)perylene	23.23	276	283632	4.544	ng		97

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

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