Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110095.D
Acq On : 23 Oct 2018 23:22
Operator : JU/SJ
Sample : J5164-08
Misc : LOQ 20PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:10 PM

Quant Time: Oct 24 06:02:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	151226	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	644500	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	307137	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	587243	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	477470	20.00	ng		-0.02
87) Perylene-d12	15.66	264	384762	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1227355	132.17	ng		-0.01
7) Phenol-d6	6.59	99	1536711	129.37	ng		-0.02
23) Nitrobenzene-d5	7.53	82	888301	81.75	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	395825	130.10	ng		-0.01
45) 2-Fluorobiphenyl	9.32	172	1623392	83.00	ng		-0.02
79) Terphenyl-d14	13.09	244	1659064	72.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	82114	16.877	ng		90
3) Pyridine	3.64	79	221076	20.400	ng		88
4) n-Nitrosodimethylamine	3.56	42	97454	21.465	ng	#	93
6) Aniline	6.63	93	289818	18.730	ng	#	53
8) 2-Chlorophenol	6.75	128	214759	20.059	ng		98
9) Benzaldehyde	6.52	77	139119	17.039	ng		97
10) Phenol	6.60	94	253639	19.977	ng	#	64
11) bis(2-Chloroethyl)ether	6.70	93	206978	19.814	ng		95
12) 1,3-Dichlorobenzene	6.90	146	234989	19.944	ng		99
13) 1,4-Dichlorobenzene	6.98	146	238870	20.046	ng		98
14) 1,2-Dichlorobenzene	7.13	146	223973	20.247	ng		100
15) Benzyl Alcohol	7.10	79	189121	20.701	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.23	45	343787	20.584	ng		68
17) 2-Methylphenol	7.20	107	177364	20.786	ng	#	81
18) Hexachloroethane	7.47	117	87180	19.983	ng		93
19) n-Nitroso-di-n-propylamine	7.37	70	152253	19.980	ng		96
20) 3+4-Methylphenols	7.36	107	231662	21.004	ng		94
22) Acetophenone	7.37	105	306895	20.665	ng		98
24) Nitrobenzene	7.55	77	228120	20.334	ng		94
25) Isophorone	7.78	82	416603	22.492	ng		95
26) 2-Nitrophenol	7.86	139	104399	19.556	ng		97
27) 2,4-Dimethylphenol	7.89	122	199293	22.517	ng		99
28) bis(2-Chloroethoxy)methane	7.99	93	264449	21.017	ng		100
29) 2,4-Dichlorophenol	8.10	162	183755	20.550	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	196082	19.577	ng		96
31) Naphthalene	8.27	128	650083	21.885	ng		99
32) Benzoic acid	7.97	122	98823	14.446	ng		95
33) 4-Chloroaniline	8.32	127	231878	17.345	ng		96
34) Hexachlorobutadiene	8.38	225	108594	19.527	ng		99
35) Caprolactam	8.67	113	57178	18.346	ng		91
36) 4-Chloro-3-methylphenol	8.79	107	193992	20.062	ng		94
37) 2-Methylnaphthalene	8.96	142	447553	22.772	ng		97
38) 1-Methylnaphthalene	9.06	142	424125	22.331	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	187951	19.640	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	112235	22.936	ng		99
43) 2,4,6-Trichlorophenol	9.23	196	121240	19.642	ng		95
44) 2,4,5-Trichlorophenol	9.27	196	130925	20.067	ng		94
46) 1,1'-Biphenyl	9.42	154	543478	19.568	ng		99
47) 2-Chloronaphthalene	9.45	162	416869	20.462	ng		100
48) 2-Nitroaniline	9.55	65	124944	20.238	ng		91
49) Acenaphthylene	9.87	152	647375	22.000	ng		98
50) Dimethylphthalate	9.72	163	467714	20.629	ng		98
51) 2,6-Dinitrotoluene	9.79	165	103890	21.273	ng		86
52) Acenaphthene	10.04	154	413620	21.247	ng		98
53) 3-Nitroaniline	9.96	138	95761	16.489	ng		87
54) 2,4-Dinitrophenol	10.06	184	31683	20.464	ng		90
55) Dibenzofuran	10.21	168	572956	21.022	ng		98
56) 4-Nitrophenol	10.10	139	89687	20.866	ng		92
57) 2,4-Dinitrotoluene	10.19	165	136497	22.005	ng		92
58) Fluorene	10.56	166	448619	22.116	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	111058m	20.883	ng		
60) Diethylphthalate	10.42	149	460690	20.816	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	216781	20.258	ng		98
62) 4-Nitroaniline	10.57	138	115296	19.960	ng		91
63) Azobenzene	10.70	77	470387	21.412	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	45953	17.128	ng		97
66) n-Nitrosodiphenylamine	10.66	169	399683	20.750	ng		97
67) 4-Bromophenyl-phenylether	11.04	248	128978	20.248	ng		98
68) Hexachlorobenzene	11.10	284	135835	20.098	ng		94
69) Atrazine	11.19	200	129522	21.278	ng		98
70) Pentachlorophenol	11.30	266	62135	15.766	ng		96
71) Phenanthrene	11.52	178	683583	22.247	ng		100
72) Anthracene	11.57	178	705413	22.904	ng		99
73) Carbazole	11.73	167	611504	20.335	ng		100
74) Di-n-butylphthalate	12.05	149	726183	21.381	ng		98
75) Fluoranthene	12.72	202	695325	22.297	ng		99
77) Benzidine	12.83	184	213355	11.571	ng		98
78) Pyrene	12.94	202	697220	20.368	ng		99
80) Butylbenzylphthalate	13.55	149	300174	20.204	ng		98
81) Benzo(a)anthracene	14.13	228	606681	21.426	ng		98
82) 3,3'-Dichlorobenzidine	14.09	252	159829	16.210	ng		99
83) Chrysene	14.17	228	579279	21.540	ng		100
84) Bis(2-ethylhexyl)phthalate	14.10	149	419639	20.894	ng		97
85) Di-n-octyl phthalate	14.73	149	668006	21.390	ng		98
86) Indeno(1,2,3-cd)pyrene	17.22	276	445717	19.978	ng	#	95
88) Benzo(b)fluoranthene	15.21	252	516683	23.255	ng		98
89) Benzo(k)fluoranthene	15.24	252	479545	21.954	ng		99
90) Benzo(a)pyrene	15.60	252	451238	22.071	ng		97
91) Dibenzo(a,h)anthracene	17.23	278	372461	21.114	ng		97
92) Benzo(g,h,i)perylene	17.69	276	359807	20.698	ng		97

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

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