Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
Data File : BF110097.D
Acq On : 24 Oct 2018 00:16
Operator : JU/SJ
Sample : J5164-09
Misc : MDL 1PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Manual Integrations APPROVED
Sohil
10/24/2018 5:12:14 PM

Quant Time: Oct 24 06:48:06 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	166941	20.00	ng		-0.02
21) Naphthalene-d8	8.25	136	715159	20.00	ng		-0.02
39) Acenaphthene-d10	10.00	164	345377	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	673867	20.00	ng		-0.02
76) Chrysene-d12	14.14	240	569591	20.00	ng		-0.02
87) Perylene-d12	15.66	264	481151	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1249284	121.86	ng		-0.02
7) Phenol-d6	6.59	99	1569190	119.67	ng		-0.02
23) Nitrobenzene-d5	7.53	82	914080	75.81	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	423977	123.93	ng		-0.02
45) 2-Fluorobiphenyl	9.32	172	1688258	76.76	ng		-0.02
79) Terphenyl-d14	13.09	244	1771441	64.68	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	5276	0.982	ng		94
3) Pyridine	3.75	79	9071m	0.758	ng		
4) n-Nitrosodimethylamine	3.58	42	4214	0.841	ng	#	77
6) Aniline	6.63	93	11038	0.646	ng	#	55
8) 2-Chlorophenol	6.75	128	11985	1.014	ng		94
9) Benzaldehyde	6.52	77	8265	0.103	ng		88
10) Phenol	6.59	94	14308	1.021	ng		89
11) bis(2-Chloroethyl)ether	6.69	93	11218	0.973	ng		94
12) 1,3-Dichlorobenzene	6.90	146	12904	0.992	ng		95
13) 1,4-Dichlorobenzene	6.98	146	13022m	0.990	ng		
14) 1,2-Dichlorobenzene	7.13	146	12381	1.014	ng		99
15) Benzyl Alcohol	7.12	79	21129	2.095	ng	#	44
16) 2,2'-oxybis(1-Chloropropan	7.23	45	18692	1.014	ng		70
17) 2-Methylphenol	7.20	107	9676	1.027	ng	#	82
18) Hexachloroethane	7.47	117	4707	0.977	ng	#	83
19) n-Nitroso-di-n-propylamine	7.36	70	7620	0.906	ng	#	93
20) 3+4-Methylphenols	7.35	107	11764	0.966	ng	#	82
22) Acetophenone	7.36	105	16756	1.017	ng		94
24) Nitrobenzene	7.54	77	14330	1.151	ng		94
25) Isophorone	7.77	82	22205m	1.080	ng		
26) 2-Nitrophenol	7.86	139	4363	0.737	ng		91
27) 2,4-Dimethylphenol	7.89	122	10138	1.032	ng		89
28) bis(2-Chloroethoxy)methane	7.99	93	14365	1.029	ng		99
29) 2,4-Dichlorophenol	8.10	162	8577	0.864	ng		93
30) 1,2,4-Trichlorobenzene	8.19	180	9978	0.898	ng		96
31) Naphthalene	8.27	128	35826	1.087	ng		99
32) Benzoic acid	7.89	122	10138	1.336	ng	#	11
33) 4-Chloroaniline	8.32	127	9222	0.622	ng	#	93
34) Hexachlorobutadiene	8.38	225	5665	0.918	ng		98
35) Caprolactam	8.64	113	2363	0.683	ng	#	77
36) 4-Chloro-3-methylphenol	8.78	107	9244	0.862	ng		90
37) 2-Methylnaphthalene	8.96	142	23673	1.086	ng		99
38) 1-Methylnaphthalene	9.06	142	23000	1.091	ng	#	97
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	10180	0.946	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	4122	0.749	ng		97
43) 2,4,6-Trichlorophenol	9.23	196	5706	0.822	ng		98
44) 2,4,5-Trichlorophenol	9.27	196	6255	0.853	ng	#	82
46) 1,1'-Biphenyl	9.42	154	34169	1.094	ng		99
47) 2-Chloronaphthalene	9.45	162	22548	0.984	ng		97
48) 2-Nitroaniline	9.55	65	5622	0.810	ng		94
49) Acenaphthylene	9.87	152	34618	1.046	ng		96
50) Dimethylphthalate	9.71	163	24820	0.974	ng		97
51) 2,6-Dinitrotoluene	9.78	165	4465	0.813	ng		91
52) Acenaphthene	10.04	154	23057	1.053	ng		96
53) 3-Nitroaniline	9.95	138	4820	0.738	ng	#	99
54) 2,4-Dinitrophenol	10.06	184	117	5.225	ng	#	34
55) Dibenzofuran	10.21	168	33125	1.081	ng		94
56) 4-Nitrophenol	10.10	139	2826	0.585	ng		86
57) 2,4-Dinitrotoluene	10.19	165	5945	0.852	ng	#	89
58) Fluorene	10.56	166	25823	1.132	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.33	232	4826	0.807	ng	#	94
60) Diethylphthalate	10.42	149	24723	0.993	ng		100
61) 4-Chlorophenyl-phenylether	10.55	204	12403	1.031	ng		98
62) 4-Nitroaniline	10.56	138	5193	0.799	ng		88
63) Azobenzene	10.70	77	24683	0.999	ng		98
65) 4,6-Dinitro-2-methylphenol	10.59	198	1130	0.367	ng		77
66) n-Nitrosodiphenylamine	10.66	169	21825	0.987	ng		99
67) 4-Bromophenyl-phenylether	11.04	248	7320	1.001	ng		88
68) Hexachlorobenzene	11.10	284	7439	0.959	ng	#	91
69) Atrazine	11.18	200	6527	0.934	ng		97
70) Pentachlorophenol	11.30	266	1270	0.281	ng	#	84
71) Phenanthrene	11.52	178	40515	1.149	ng		99
72) Anthracene	11.57	178	40243	1.139	ng		99
73) Carbazole	11.73	167	33168	0.961	ng		96
74) Di-n-butylphthalate	12.05	149	37408	0.960	ng	#	96
75) Fluoranthene	12.72	202	38714	1.082	ng		97
77) Benzidine	12.83	184	5480	0.228	ng		97
78) Pyrene	12.95	202	38217	0.936	ng		99
80) Butylbenzylphthalate	13.55	149	13472	0.760	ng		96
81) Benzo(a)anthracene	14.13	228	35772	1.059	ng		99
82) 3,3'-Dichlorobenzidine	14.09	252	6795	0.578	ng	#	99
83) Chrysene	14.17	228	34637	1.080	ng		98
84) Bis(2-ethylhexyl)phthalate	14.10	149	19770	0.825	ng		96
85) Di-n-octyl phthalate	14.72	149	29154	0.783	ng	#	95
86) Indeno(1,2,3-cd)pyrene	17.21	276	23748	0.892	ng		96
88) Benzo(b)fluoranthene	15.21	252	27563	0.992	ng		98
89) Benzo(k)fluoranthene	15.24	252	28503	1.043	ng		95
90) Benzo(a)pyrene	15.59	252	25493	0.997	ng	#	94
91) Dibenzo(a,h)anthracene	17.23	278	19176	0.869	ng		98
92) Benzo(g,h,i)perylene	17.69	276	19091	0.878	ng	#	90

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

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