Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108032.D
Acq On : 8 Aug 2018 21:03
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 1 PPM
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:34 PM

Quant Time: Aug 09 10:09:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	268674	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1078819	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	583705	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	1217753	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1091014	20.00	ng		-0.01
86) Perylene-d12	15.77	264	928216	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1887941	127.22	ng		0.00
7) Phenol-d6	6.63	99	2544997	129.05	ng		0.00
23) Nitrobenzene-d5	7.58	82	1682685	87.04	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	808745	138.90	ng		0.00
44) 2-Fluorobiphenyl	9.37	172	3024600	83.19	ng		0.00
78) Terphenyl-d14	13.15	244	3696269	86.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	6930	0.909	ng	#	71
3) Pyridine	3.77	79	17041	0.868	ng	#	23
4) n-Nitrosodimethylamine	3.64	42	9899	0.896	ng	#	63
6) Aniline	6.68	93	16353	0.610	ng		95
8) 2-Chlorophenol	6.80	128	18010	1.078	ng		89
9) Benzaldehyde	6.57	77	15040	0.984	ng		95
10) Phenol	6.64	94	20754	1.017	ng	#	31
11) bis(2-Chloroethyl)ether	6.74	93	17305	1.049	ng		92
12) 1,3-Dichlorobenzene	6.95	146	21014	1.087	ng		98
13) 1,4-Dichlorobenzene	7.03	146	21357	1.100	ng		96
14) 1,2-Dichlorobenzene	7.18	146	19172	1.062	ng		94
15) Benzyl Alcohol	7.14	79	7568	0.456	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	35962	1.059	ng		95
17) 2-Methylphenol	7.24	107	15186	1.059	ng		97
18) Hexachloroethane	7.52	117	6797	0.983	ng		96
19) n-Nitroso-di-n-propylamine	7.41	70	14055	1.054	ng	#	89
20) 3+4-Methylphenols	7.40	107	18655	1.016	ng		90
22) Acetophenone	7.41	105	27386	1.086	ng	#	90
24) Nitrobenzene	7.59	77	25548	1.307	ng		94
25) Isophorone	7.82	82	36917m	1.002	ng		
26) 2-Nitrophenol	7.91	139	5269	0.714	ng	#	93
27) 2,4-Dimethylphenol	7.93	122	16840	1.030	ng		93
28) bis(2-Chloroethoxy)methane	8.03	93	22536	1.048	ng		98
29) 2,4-Dichlorophenol	8.14	162	12649	0.840	ng		95
30) 1,2,4-Trichlorobenzene	8.23	180	18091	1.090	ng		98
31) Naphthalene	8.32	128	57364	1.169	ng		99
32) Benzoic acid	7.94	122	1517m	6.114	ng		
33) 4-Chloroaniline	8.36	127	13829	0.647	ng	#	94
34) Hexachlorobutadiene	8.43	225	11275	1.073	ng		95
35) Caprolactam	8.67	113	3779	0.801	ng	#	53
36) 4-Chloro-3-methylphenol	8.82	107	14596	0.899	ng		95
37) 2-Methylnaphthalene	9.01	142	38687	1.115	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	19662	1.097	ng		98
40) Hexachlorocyclopentadiene	9.16	237	9698	0.838	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	8191	0.736	ng		96
43) 2,4,5-Trichlorophenol	9.31	196	10945	0.894	ng	#	91
45) 1,1'-Biphenyl	9.47	154	53429	1.241	ng		97
46) 2-Chloronaphthalene	9.50	162	38179	1.122	ng		94
47) 2-Nitroaniline	9.59	65	9021	0.820	ng		88
48) Acenaphthylene	9.92	152	60438	1.124	ng		98
49) Dimethylphthalate	9.76	163	44348	1.091	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	6883	0.809	ng		99
51) Acenaphthene	10.09	154	36189	1.099	ng		99
52) 3-Nitroaniline	10.00	138	6830	0.734	ng	#	78
53) 2,4-Dinitrophenol	10.10	184	598	7.192	ng	#	1
54) Dibenzofuran	10.26	168	54175	1.135	ng		97
55) 4-Nitrophenol	10.14	139	3855	0.547	ng	#	82
56) 2,4-Dinitrotoluene	10.23	165	7657	0.699	ng	#	85
57) Fluorene	10.61	166	44512	1.178	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	7418	0.725	ng	#	87
59) Diethylphthalate	10.47	149	42841	1.088	ng		98
60) 4-Chlorophenyl-phenylether	10.60	204	24081	1.223	ng	#	87
61) 4-Nitroaniline	10.61	138	6669	0.725	ng	#	73
62) Azobenzene	10.76	77	43514	1.070	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	1667	5.683	ng	#	62
65) n-Nitrosodiphenylamine	10.71	169	36261	1.008	ng		95
66) 4-Bromophenyl-phenylether	11.09	248	13951	1.054	ng		92
67) Hexachlorobenzene	11.15	284	15083	1.083	ng	#	89
68) Atrazine	11.23	200	11492	0.952	ng		93
69) Pentachlorophenol	11.35	266	2954	0.443	ng		94
70) Phenanthrene	11.58	178	69932	1.218	ng		97
71) Anthracene	11.63	178	68494	1.164	ng		96
72) Carbazole	11.78	167	55426	1.060	ng		98
73) Di-n-butylphthalate	12.10	149	60923	1.028	ng		98
74) Fluoranthene	12.77	202	71142	1.135	ng		95
76) Benzidine	12.89	184	8134	0.200	ng		95
77) Pyrene	13.00	202	74241	1.075	ng		98
79) Butylbenzylphthalate	13.61	149	19232	0.701	ng	#	95
80) Benzo(a)anthracene	14.19	228	68929	1.101	ng		95
81) 3,3'-Dichlorobenzidine	14.15	252	10770	0.480	ng	#	92
82) Chrysene	14.23	228	63051	1.098	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	30097	0.810	ng		99
84) Di-n-octyl phthalate	14.79	149	38377	0.677	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.37	276	39991	0.804	ng	#	92
87) Benzo(b)fluoranthene	15.29	252	53577	0.966	ng		97
88) Benzo(k)fluoranthene	15.32	252	52914	1.038	ng	#	91
89) Benzo(a)pyrene	15.69	252	45835	0.923	ng	#	93
90) Dibenzo(a,h)anthracene	17.39	278	32299	0.786	ng		97
91) Benzo(g,h,i)perylene	17.85	276	32176	0.795	ng		97

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

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