

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
 Data File : BF093849.D
 Acq On : 22 Mar 2017 23:02
 Operator : SJ/MA
 Sample : I2296-06
 Misc : L00 20 PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT2-2017

Quant Time: Mar 23 01:23:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 17:41:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	195392	20.00	ng	0.00
21) Naphthalene-d8	7.49	136	790664	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	356263	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	613127	20.00	ng	0.00
75) Chrysene-d12	14.71	240	504924	20.00	ng	0.00
86) Perylene-d12	16.35	264	399468	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.51	112	1408295	121.74	ng	0.00
7) Phenol-d6	5.57	99	1724880	120.53	ng	0.00
23) Nitrobenzene-d5	6.64	82	1340641	96.77	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	371292	131.89	ng	0.00
44) 2-Fluorobiphenyl	8.82	172	2248044	96.25	ng	0.00
78) Terphenyl-d14	13.44	244	1957358	86.89	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.37	88	113104	20.35	ng	98
3) Pyridine	2.86	79	314668	20.77	ng	99
4) n-Nitrosodimethylamine	2.80	42	129844	20.83	ng	92
6) Aniline	5.61	93	403583	20.27	ng	98
8) 2-Chlorophenol	5.75	128	258173	20.30	ng	99
9) Benzaldehyde	5.48	77	203888	21.10	ng	99
10) Phenol	5.59	94	356488	21.89	ng	90
11) bis(2-Chloroethyl)ether	5.69	93	270669	21.27	ng	99
12) 1,3-Dichlorobenzene	5.92	146	305253	21.40	ng	99
13) 1,4-Dichlorobenzene	6.00	146	310753	21.51	ng	97
14) 1,2-Dichlorobenzene	6.19	146	284761	21.40	ng	95
15) Benzyl Alcohol	6.15	79	228206	21.79	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.31	45	414286	21.12	ng	99
17) 2-Methylphenol	6.27	107	223903	20.56	ng	97
18) Hexachloroethane	6.58	117	109646	21.59	ng	# 84
19) n-Nitroso-di-n-propylamine	6.47	70	197809	21.51	ng	97
20) 3+4-Methylphenols	6.46	107	279881	21.22	ng	91
22) Acetophenone	6.46	105	382495	21.71	ng	# 94
24) Nitrobenzene	6.66	77	290922	21.29	ng	95
25) Isophorone	6.94	82	509823	20.94	ng	97
26) 2-Nitrophenol	7.03	139	137693	21.13	ng	95
27) 2,4-Dimethylphenol	7.09	122	235816	21.00	ng	97
28) bis(2-Chloroethoxy)methane	7.20	93	342693	21.35	ng	98
29) 2,4-Dichlorophenol	7.32	162	221271	21.08	ng	98
30) 1,2,4-Trichlorobenzene	7.42	180	233537	21.60	ng	98
31) Naphthalene	7.52	128	825152	21.70	ng	100
32) Benzoic acid	7.20	122	137883	18.45	ng	97
33) 4-Chloroaniline	7.57	127	319029	20.70	ng	95
34) Hexachlorobutadiene	7.67	225	120030	21.65	ng	97
35) Caprolactam	8.00	113	68652	20.51	ng	99
36) 4-Chloro-3-methylphenol	8.17	107	229061	20.88	ng	87
37) 2-Methylnaphthalene	8.36	142	553443	21.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	215463	22.11	ng	100
40) Hexachlorocyclopentadiene	8.56	237	99584	21.84	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.70	196	146041	21.18	nq	97
43) 2,4,5-Trichlorophenol	8.75	196	157206	21.07	nq	94
45) 1,1'-Biphenyl	8.93	154	639006	22.24	nq	97
46) 2-Chloronaphthalene	8.96	162	494420	21.98	nq	96
47) 2-Nitroaniline	9.07	65	137360	20.58	nq	91
48) Acenaphthylene	9.46	152	826293	22.10	nq	99
49) Dimethylphthalate	9.32	163	548312	21.65	nq	99
50) 2,6-Dinitrotoluene	9.37	165	124818	21.50	nq	# 83
51) Acenaphthene	9.67	154	472275	21.65	nq	99
52) 3-Nitroaniline	9.57	138	139369	20.44	nq	93
53) 2,4-Dinitrophenol	9.70	184	48098	19.24	nq	# 72
54) Dibenzofuran	9.89	168	660924	22.26	nq	99
55) 4-Nitrophenol	9.78	139	109232	20.46	nq	# 70
56) 2,4-Dinitrotoluene	9.87	165	162439	22.27	nq	# 85
57) Fluorene	10.31	166	535398	21.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	109893	21.47	nq	99
59) Diethylphthalate	10.19	149	546940	21.85	nq	99
60) 4-Chlorophenyl-phenylether	10.32	204	233507	22.26	nq	90
61) 4-Nitroaniline	10.33	138	130268	19.91	nq	96
62) Azobenzene	10.51	77	514454	21.73	nq	97
64) 4,6-Dinitro-2-methylphenol	10.37	198	71961	19.16	nq	81
65) n-Nitrosodiphenylamine	10.46	169	466501	22.00	nq	98
66) 4-Bromophenyl-phenylether	10.92	248	130747	21.68	nq	99
67) Hexachlorobenzene	10.99	284	134121	21.97	nq	# 87
68) Atrazine	11.13	200	137470	21.65	nq	96
69) Pentachlorophenol	11.22	266	76690	20.18	nq	99
70) Phenanthrene	11.49	178	760455	22.30	nq	99
71) Anthracene	11.55	178	781528	22.25	nq	99
72) Carbazole	11.74	167	776225	21.56	nq	98
73) Di-n-butylphthalate	12.20	149	855592	22.85	nq	99
74) Fluoranthene	12.95	202	763137	21.85	nq	99
76) Benzidine	13.12	184	389560	19.49	nq	# 92
77) Pyrene	13.23	202	793579	21.66	nq	99
79) Butylbenzylphthalate	14.04	149	339745	21.76	nq	# 86
80) Benzo(a)anthracene	14.70	228	629990	21.40	nq	99
81) 3,3'-Dichlorobenzidine	14.67	252	215012	20.43	nq	# 95
82) Chrysene	14.74	228	609409	22.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.76	149	503091	23.62	nq	# 99
84) Di-n-octyl phthalate	15.52	149	786316	22.10	nq	99
85) Indeno(1,2,3-cd)pyrene	17.73	276	445702	18.83	nq	97
87) Benzo(b)fluoranthene	15.93	252	528406	21.58	nq	100
88) Benzo(k)fluoranthene	15.96	252	531238	22.01	nq	# 95
89) Benzo(a)pyrene	16.29	252	480244	21.30	nq	99
90) Dibenzo(a,h)anthracene	17.76	278	381010	19.95	nq	96
91) Benzo(g,h,i)perylene	18.14	276	370801	19.27	nq	99

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

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