

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103147.D
 Acq On : 21 Feb 2018 20:05
 Operator : SJ/JU
 Sample : J1619-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BUS-WASH-SLUDGE-PITMSD

Quant Time: Feb 22 00:37:43 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	162385	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	664433	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	275172	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	398972	20.00	ng	0.00
75) Chrysene-d12	14.05	240	265424	20.00	ng	0.00
86) Perylene-d12	15.54	264	218393	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1121789	104.91	ng	0.02
7) Phenol-d6	6.52	99	1276056	99.11	ng	0.01
23) Nitrobenzene-d5	7.45	82	940240	98.17	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	259906	117.35	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1428377	86.13	ng	0.00
78) Terphenyl-d14	12.99	244	1050611	93.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	179774	34.040	ng	# 73
3) Pyridine	3.60	79	282525	19.362	ng	95
4) n-Nitrosodimethylamine	3.49	42	239324	38.335	ng	99
6) Aniline	6.55	93	99640	5.241	ng	# 85
8) 2-Chlorophenol	6.67	128	448722	40.763	ng	95
10) Phenol	6.53	94	507562	36.786	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	462997	40.327	ng	92
12) 1,3-Dichlorobenzene	6.82	146	484781	38.029	ng	97
13) 1,4-Dichlorobenzene	6.90	146	483527	38.078	ng	99
14) 1,2-Dichlorobenzene	7.05	146	440778	37.267	ng	98
15) Benzyl Alcohol	7.02	79	371972	37.579	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	790361	36.239	ng	98
17) 2-Methylphenol	7.13	107	389118	38.322	ng	98
18) Hexachloroethane	7.39	117	158185	36.327	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	305004	35.931	ng	96
20) 3+4-Methylphenols	7.29	107	468138	37.386	ng	# 53
22) Acetophenone	7.29	105	598669	36.820	ng	# 92
24) Nitrobenzene	7.46	77	508229	45.110	ng	97
25) Isophorone	7.70	82	928634	42.106	ng	98
26) 2-Nitrophenol	7.78	139	246688	52.340	ng	97
27) 2,4-Dimethylphenol	7.82	122	419728	45.046	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	585359	44.803	ng	99
29) 2,4-Dichlorophenol	8.02	162	388522	45.868	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	370802	38.696	ng	99
31) Naphthalene	8.19	128	1270226	39.129	ng	100
32) Benzoic acid	7.97	122	420973	58.981	ng	99
33) 4-Chloroaniline	8.24	127	57345	4.101	ng	97
34) Hexachlorobutadiene	8.29	225	183022	37.273	ng	97
35) Caprolactam	8.61	113	109071	37.078	ng	# 73
36) 4-Chloro-3-methylphenol	8.72	107	421953	44.336	ng	99
37) 2-Methylnaphthalene	8.87	142	843003	39.664	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	321757	42.944	ng	99
40) Hexachlorocyclopentadiene	9.02	237	44491	12.491	ng	94
42) 2,4,6-Trichlorophenol	9.16	196	237481	48.256	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	246725	44.481	nq	99
45) 1,1'-Biphenyl	9.34	154	954532	41.184	nq	99
46) 2-Chloronaphthalene	9.37	162	759298	41.613	nq	97
47) 2-Nitroaniline	9.46	65	292152	51.607	nq	88
48) Acenaphthylene	9.78	152	1122175	39.597	nq	99
49) Dimethylphthalate	9.64	163	982983	45.815	nq	99
50) 2,6-Dinitrotoluene	9.70	165	198036	48.515	nq	95
51) Acenaphthene	9.95	154	645289	38.074	nq	100
52) 3-Nitroaniline	9.87	138	60825	12.110	nq	93
53) 2,4-Dinitrophenol	9.99	184	47703	48.832	nq	# 19
54) Dibenzofuran	10.13	168	972062	40.698	nq	99
55) 4-Nitrophenol	10.05	139	283547	69.265	nq	95
56) 2,4-Dinitrotoluene	10.11	165	246720	45.254	nq	96
57) Fluorene	10.47	166	722615	41.583	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	171762	44.679	nq	97
59) Diethylphthalate	10.33	149	887077	41.872	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	331252	43.090	nq	99
61) 4-Nitroaniline	10.49	138	193023	40.374	nq	90
62) Azobenzene	10.62	77	834878	39.447	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	33881	26.618	nq	91
65) n-Nitrosodiphenylamine	10.57	169	663349	47.137	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	195282	46.271	nq	97
67) Hexachlorobenzene	11.02	284	200331	43.028	nq	97
68) Atrazine	11.10	200	168120	40.495	nq	98
69) Pentachlorophenol	11.22	266	183959	67.308	nq	98
70) Phenanthrene	11.43	178	934245	42.045	nq	99
71) Anthracene	11.49	178	947206	41.912	nq	99
72) Carbazole	11.64	167	907980	41.009	nq	99
73) Di-n-butylphthalate	11.96	149	1270825	47.251	nq	99
74) Fluoranthene	12.62	202	863844	38.640	nq	98
76) Benzidine	12.74	184	102878	8.433	nq	97
77) Pyrene	12.85	202	878501	42.208	nq	100
79) Butylbenzylphthalate	13.46	149	486967	48.893	nq	98
80) Benzo(a)anthracene	14.04	228	763315	45.728	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	197090	31.844	nq	98
82) Chrysene	14.08	228	719336	42.749	nq	98
83) Bis(2-ethylhexyl)phthalate	14.01	149	670668	52.601	nq	# 99
84) Di-n-octyl phthalate	14.63	149	1120816	58.545	nq	99
85) Indeno(1,2,3-cd)pyrene	17.06	276	558692	40.032	nq	98
87) Benzo(b)fluoranthene	15.11	252	654872	46.251	nq	97
88) Benzo(k)fluoranthene	15.14	252	620162	45.839	nq	99
89) Benzo(a)pyrene	15.48	252	584620	45.870	nq	# 96
90) Dibenzo(a,h)anthracene	17.07	278	472603	45.685	nq	97
91) Benzo(g,h,i)perylene	17.52	276	460263	45.457	nq	98

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

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