

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129303.D
 Acq On : 21 Jul 2022 18:51
 Operator : CG\JU
 Sample : N3214-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 21 19:14:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/22/2022
 Supervised By : Jagrut Upadhyay 07/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	145687	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	562676	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	306248	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	531481	20.000	ng	0.00
76) Chrysene-d12	14.068	240	398427	20.000	ng	-0.01
86) Perylene-d12	15.562	264	311030	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1330537	148.960	ng	0.00
7) Phenol-d6	6.528	99	1719243	150.991	ng	0.00
23) Nitrobenzene-d5	7.457	82	940873	89.960	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	505304	171.019	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1667406	83.758	ng	0.00
79) Terphenyl-d14	13.016	244	1870859	87.453	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	37586m	9.490	ng	
3) Pyridine	3.528	79	116359	10.641	ng	99
4) n-Nitrosodimethylamine	3.404	42	50922	10.372	ng	# 99
6) Aniline	6.563	93	157092	11.212	ng	100
8) 2-Chlorophenol	6.681	128	101869	10.403	ng	99
9) Benzaldehyde	6.445	77	84308	10.794	ng	94
10) Phenol	6.540	94	116722m	9.754	ng	
11) bis(2-Chloroethyl)ether	6.628	93	97939	10.339	ng	96
12) 1,3-Dichlorobenzene	6.834	146	114124	10.814	ng	100
13) 1,4-Dichlorobenzene	6.910	146	113442	10.623	ng	100
14) 1,2-Dichlorobenzene	7.063	146	107670	10.912	ng	98
15) Benzyl Alcohol	7.028	79	98935	11.976	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	140970	9.762	ng	91
17) 2-Methylphenol	7.140	107	82365	10.321	ng	95
18) Hexachloroethane	7.404	117	42995	10.731	ng	88
19) n-Nitroso-di-n-propyla...	7.298	70	75011	11.056	ng	98
20) 3+4-Methylphenols	7.292	107	106472	10.230	ng	# 84
22) Acetophenone	7.298	105	149322	11.302	ng	99
24) Nitrobenzene	7.475	77	114150	10.597	ng	97
25) Isophorone	7.710	82	203812	11.100	ng	97
26) 2-Nitrophenol	7.792	139	53734	10.338	ng	94
27) 2,4-Dimethylphenol	7.822	122	91684m	11.725	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	121209	11.395	ng	98
29) 2,4-Dichlorophenol	8.028	162	83847	10.309	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	89645	10.606	ng	99
31) Naphthalene	8.198	128	304618	10.556	ng	99
32) Benzoic acid	7.904	122	73312	12.827	ng	99
33) 4-Chloroaniline	8.245	127	127683	10.848	ng	96
34) Hexachlorobutadiene	8.310	225	54072	11.192	ng	100
35) Caprolactam	8.586	113	26940	10.386	ng	# 87
36) 4-Chloro-3-methylphenol	8.716	107	93496	10.820	ng	98
37) 2-Methylnaphthalene	8.886	142	199800	10.684	ng	99
38) 1-Methylnaphthalene	8.986	142	192859	10.660	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	89062	11.077	ng	98
41) Hexachlorocyclopentadiene	9.039	237	42294	11.935	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	57689	9.819	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129303.D
 Acq On : 21 Jul 2022 18:51
 Operator : CG\JU
 Sample : N3214-08
 Misc : LOQ-WATER 10ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jul 21 19:14:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 13:42:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 07/22/2022
 Supervised By :Jagrut Upadhyay 07/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	64726	10.155	ng	95
46) 1,1'-Biphenyl	9.351	154	244937	10.824	ng	99
47) 2-Chloronaphthalene	9.381	162	187595	10.349	ng	97
48) 2-Nitroaniline	9.469	65	60077	9.868	ng	99
49) Acenaphthylene	9.792	152	310993	11.172	ng	99
50) Dimethylphthalate	9.645	163	220407	10.476	ng	99
51) 2,6-Dinitrotoluene	9.710	165	48043	10.198	ng	88
52) Acenaphthene	9.969	154	195224	10.807	ng	98
53) 3-Nitroaniline	9.880	138	52821	9.423	ng	# 99
54) 2,4-Dinitrophenol	9.986	184	30133	12.640	ng	92
55) Dibenzofuran	10.139	168	271995	10.835	ng	97
56) 4-Nitrophenol	10.033	139	40354	9.858	ng	94
57) 2,4-Dinitrotoluene	10.116	165	63916	10.349	ng	92
58) Fluorene	10.480	166	216231	10.792	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	48826	9.937	ng	90
60) Diethylphthalate	10.345	149	216343	10.687	ng	97
61) 4-Chlorophenyl-phenyle...	10.475	204	96102	10.963	ng	96
62) 4-Nitroaniline	10.492	138	53238	9.616	ng	100
63) Azobenzene	10.633	77	221598	10.581	ng	94
65) 4,6-Dinitro-2-methylph...	10.522	198	29471	9.015	ng	90
66) n-Nitrosodiphenylamine	10.592	169	185591	10.562	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	59802	10.428	ng	92
68) Hexachlorobenzene	11.027	284	67274	10.711	ng	94
69) Atrazine	11.110	200	61010	11.361	ng	96
70) Pentachlorophenol	11.222	266	31441	9.105	ng	96
71) Phenanthrene	11.445	178	310747	10.652	ng	98
72) Anthracene	11.498	178	316814	10.960	ng	98
73) Carbazole	11.651	167	291114	10.797	ng	98
74) Di-n-butylphthalate	11.974	149	336898	10.814	ng	99
75) Fluoranthene	12.639	202	317994	10.696	ng	98
77) Benzidine	12.757	184	149088	9.390	ng	99
78) Pyrene	12.869	202	325366	9.548	ng	98
80) Butylbenzylphthalate	13.480	149	131877	9.484	ng	96
81) Benzo(a)anthracene	14.057	228	272518	9.933	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	95659	10.622	ng	96
83) Chrysene	14.092	228	259626	10.026	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	171996	10.072	ng	# 99
85) Di-n-octyl phthalate	14.651	149	239747	9.810	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	174748	8.196	ng	99
88) Benzo(b)fluoranthene	15.115	252	226052	10.920	ng	99
89) Benzo(k)fluoranthene	15.145	252	212018	10.548	ng	99
90) Benzo(a)pyrene	15.492	252	197585	11.796	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	150469	8.755	ng	100
92) Benzo(g,h,i)perylene	17.521	276	149031	8.345	ng	97

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

