

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072122\
 Data File : BF129302.D
 Acq On : 21 Jul 2022 18:17
 Operator : CG\JU
 Sample : N3214-08
 Misc : LOQ-WATER 5ppm
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 21 19:14:08 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	6.893	152	195448	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	754754	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	401064	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	694520	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	510868	20.000	ng	-0.01
86) Perylene-d12	15.563	264	392349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1086112	90.637	ng	0.00
7) Phenol-d6	6.522	99	1403655	91.889	ng	0.00
23) Nitrobenzene-d5	7.457	82	963925	68.709	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	409478	105.824	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1669537	64.038	ng	0.00
79) Terphenyl-d14	13.016	244	1804248	65.776	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	21723	4.088	ng	90
3) Pyridine	3.581	79	51322m	3.498	ng	
4) n-Nitrosodimethylamine	3.416	42	29579	4.491	ng	92
6) Aniline	6.557	93	92724	4.933	ng	98
8) 2-Chlorophenol	6.681	128	59747	4.548	ng	94
9) Benzaldehyde	6.446	77	51680	4.932	ng	96
10) Phenol	6.534	94	71340	4.444	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	57707	4.541	ng	92
12) 1,3-Dichlorobenzene	6.834	146	66537	4.700	ng	99
13) 1,4-Dichlorobenzene	6.910	146	66763	4.660	ng	99
14) 1,2-Dichlorobenzene	7.063	146	61524	4.648	ng	97
15) Benzyl Alcohol	7.028	79	66553	6.005	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.163	45	83977	4.335	ng	93
17) 2-Methylphenol	7.134	107	47772	4.462	ng	97
18) Hexachloroethane	7.404	117	25194	4.687	ng	87
19) n-Nitroso-di-n-propyla...	7.293	70	45127	4.958	ng	99
20) 3+4-Methylphenols	7.287	107	63115	4.520	ng	# 86
22) Acetophenone	7.298	105	90771	5.122	ng	98
24) Nitrobenzene	7.475	77	69424	4.805	ng	98
25) Isophorone	7.704	82	120166	4.879	ng	98
26) 2-Nitrophenol	7.787	139	31269	4.485	ng	98
27) 2,4-Dimethylphenol	7.822	122	54436m	5.190	ng	
28) bis(2-Chloroethoxy)met...	7.916	93	71835	5.034	ng	97
29) 2,4-Dichlorophenol	8.028	162	48774	4.471	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	53867	4.751	ng	96
31) Naphthalene	8.198	128	182112	4.705	ng	99
32) Benzoic acid	7.893	122	40141	5.236	ng	97
33) 4-Chloroaniline	8.245	127	74654	4.728	ng	96
34) Hexachlorobutadiene	8.310	225	31205	4.815	ng	98
35) Caprolactam	8.581	113	15197	4.368	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	53951	4.655	ng	95
37) 2-Methylnaphthalene	8.887	142	117778	4.695	ng	99
38) 1-Methylnaphthalene	8.987	142	113767	4.688	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	51393	4.881	ng	98
41) Hexachlorocyclopentadiene	9.039	237	21278	4.585	ng	97
43) 2,4,6-Trichlorophenol	9.163	196	34341	4.463	ng	99

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44) 2,4,5-Trichlorophenol	9.204	196	36222	4.339	ng	94
46) 1,1'-Biphenyl	9.351	154	148416	5.008	ng	97
47) 2-Chloronaphthalene	9.381	162	112204	4.727	ng	97
48) 2-Nitroaniline	9.469	65	36796	4.615	ng	100
49) Acenaphthylene	9.792	152	184597	5.064	ng	97
50) Dimethylphthalate	9.645	163	133074	4.830	ng	99
51) 2,6-Dinitrotoluene	9.710	165	28856	4.677	ng	97
52) Acenaphthene	9.963	154	116459	4.923	ng	98
53) 3-Nitroaniline	9.881	138	31202	4.250	ng	96
54) 2,4-Dinitrophenol	9.986	184	20222	6.477	ng	96
55) Dibenzofuran	10.139	168	160895	4.894	ng	97
56) 4-Nitrophenol	10.034	139	21903	4.086	ng	94
57) 2,4-Dinitrotoluene	10.116	165	38044	4.704	ng	88
58) Fluorene	10.481	166	129473	4.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	27932m	4.341	ng	
60) Diethylphthalate	10.345	149	129867	4.899	ng	97
61) 4-Chlorophenyl-phenyle...	10.469	204	58498	5.096	ng	# 89
62) 4-Nitroaniline	10.486	138	31892	4.398	ng	96
63) Azobenzene	10.634	77	127291	4.641	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	16839	3.942	ng	96
66) n-Nitrosodiphenylamine	10.586	169	109211	4.756	ng	97
67) 4-Bromophenyl-phenylether	10.963	248	35755	4.771	ng	94
68) Hexachlorobenzene	11.028	284	40127	4.889	ng	96
69) Atrazine	11.110	200	34609	4.932	ng	96
70) Pentachlorophenol	11.222	266	16799	3.723	ng	96
71) Phenanthrene	11.445	178	183184	4.805	ng	99
72) Anthracene	11.498	178	185545	4.912	ng	99
73) Carbazole	11.651	167	172789	4.904	ng	98
74) Di-n-butylphthalate	11.975	149	198187	4.868	ng	99
75) Fluoranthene	12.639	202	189250	4.871	ng	99
77) Benzidine	12.757	184	139170	6.836	ng	100
78) Pyrene	12.869	202	195017	4.463	ng	97
80) Butylbenzylphthalate	13.480	149	73904	4.145	ng	94
81) Benzo(a)anthracene	14.057	228	160613	4.566	ng	98
82) 3,3'-Dichlorobenzidine	14.016	252	53257	4.612	ng	# 95
83) Chrysene	14.092	228	150919	4.545	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	93414	4.266	ng	99
85) Di-n-octyl phthalate	14.651	149	125772	4.014	ng	98
87) Indeno(1,2,3-cd)pyrene	17.063	276	100131	3.723	ng	100
88) Benzo(b)fluoranthene	15.116	252	129941	4.976	ng	99
89) Benzo(k)fluoranthene	15.145	252	118846	4.687	ng	99
90) Benzo(a)pyrene	15.492	252	111406	5.273	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	87583	4.040	ng	97
92) Benzo(g,h,i)perylene	17.521	276	87648	3.891	ng	98

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

