

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011723\
 Data File : BP013493.D
 Acq On : 17 Jan 2023 13:04
 Operator : CG/JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

Quant Time: Jan 18 03:13:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 03:32:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	559301	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	2294463	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1578060	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	3689455	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3777728	20.000	ng	0.00
86) Perylene-d12	23.863	264	4260209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	3080284	96.744	ng	0.00
7) Phenol-d6	7.069	99	4261719	94.692	ng	0.00
23) Nitrobenzene-d5	9.075	82	3112081	72.060	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	2422298	98.336	ng	-0.01
45) 2-Fluorobiphenyl	13.169	172	7813980	72.385	ng	-0.01
79) Terphenyl-d14	19.869	244	12323162	66.690	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	98122	7.859	ng	99
3) Pyridine	3.752	79	258272	6.635	ng	98
4) n-Nitrosodimethylamine	3.652	42	143644	7.696	ng	# 96
6) Aniline	7.228	93	435536	7.242	ng	99
8) 2-Chlorophenol	7.463	128	278660	7.562	ng	98
9) Benzaldehyde	7.040	77	238595m	8.782	ng	
10) Phenol	7.093	94	349861	7.531	ng	96
11) bis(2-Chloroethyl)ether	7.322	93	282779	7.509	ng	97
12) 1,3-Dichlorobenzene	7.787	146	310649	8.002	ng	97
13) 1,4-Dichlorobenzene	7.934	146	319850	8.084	ng	97
14) 1,2-Dichlorobenzene	8.258	146	308438	7.980	ng	99
15) Benzyl Alcohol	8.146	79	240120	6.924	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.434	45	455195	7.813	ng	99
17) 2-Methylphenol	8.346	107	232814	6.770	ng	97
18) Hexachloroethane	8.981	117	109655	7.826	ng	96
19) n-Nitroso-di-n-propyla...	8.710	70	237168	7.383	ng	97
20) 3+4-Methylphenols	8.675	107	313433	6.560	ng	98
22) Acetophenone	8.734	105	450950	7.674	ng	# 98
24) Nitrobenzene	9.116	77	344692	7.716	ng	98
25) Isophorone	9.640	82	642629	7.229	ng	99
26) 2-Nitrophenol	9.828	139	151381	6.855	ng	97
27) 2,4-Dimethylphenol	9.887	122	233953	6.436	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	390509	7.448	ng	99
29) 2,4-Dichlorophenol	10.363	162	274587	7.198	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	317294	7.859	ng	97
31) Naphthalene	10.763	128	930809	7.672	ng	100
32) Benzoic acid	9.975	122	166329	5.486	ng	96
33) 4-Chloroaniline	10.881	127	381649	6.886	ng	98
34) Hexachlorobutadiene	11.040	225	203890	8.012	ng	98
35) Caprolactam	11.663	113	91411	6.725	ng	96
36) 4-Chloro-3-methylphenol	11.999	107	293810	7.068	ng	99
37) 2-Methylnaphthalene	12.375	142	660720	7.254	ng	98
38) 1-Methylnaphthalene	12.593	142	645529	7.512	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	395773	7.652	ng	99
41) Hexachlorocyclopentadiene	12.716	237	185033	6.861	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	249538	7.017	ng	98

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44) 2,4,5-Trichlorophenol	13.057	196	273814	6.561	ng	98
46) 1,1'-Biphenyl	13.381	154	931476	7.807	ng	100
47) 2-Chloronaphthalene	13.428	162	703622	7.689	ng	99
48) 2-Nitroaniline	13.634	65	199334	6.618	ng	90
49) Acenaphthylene	14.275	152	1093306	7.245	ng	100
50) Dimethylphthalate	14.004	163	911611	7.285	ng	99
51) 2,6-Dinitrotoluene	14.128	165	189478	6.941	ng	97
52) Acenaphthene	14.616	154	668404	7.484	ng	99
53) 3-Nitroaniline	14.463	138	185483	6.351	ng	98
54) 2,4-Dinitrophenol	14.675	184	101869	5.492	ng	100
55) Dibenzofuran	14.951	168	1117023	7.543	ng	98
56) 4-Nitrophenol	14.769	139	157017	6.691	ng	95
57) 2,4-Dinitrotoluene	14.922	165	248559	6.659	ng	95
58) Fluorene	15.598	166	904656	7.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	254821	7.061	ng	99
60) Diethylphthalate	15.369	149	881549	7.199	ng	99
61) 4-Chlorophenyl-phenylether	15.592	204	482158	7.769	ng	99
62) 4-Nitroaniline	15.628	138	191318	6.399	ng	97
63) Azobenzene	15.887	77	818891	7.283	ng	99
65) 4,6-Dinitro-2-methylphthalate	15.687	198	145740	5.776	ng	94
66) n-Nitrosodiphenylamine	15.810	169	780013	7.195	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	298966	7.039	ng	99
68) Hexachlorobenzene	16.610	284	358363	7.748	ng	99
69) Atrazine	16.763	200	298725	7.523	ng	99
70) Pentachlorophenol	16.957	266	195115	5.756	ng	98
71) Phenanthrene	17.351	178	1471539	7.559	ng	99
72) Anthracene	17.445	178	1445637	7.298	ng	100
73) Carbazole	17.716	167	1331849	7.382	ng	100
74) Di-n-butylphthalate	18.257	149	1484981	7.091	ng	99
75) Fluoranthene	19.322	202	1775478	7.593	ng	98
77) Benzidine	19.498	184	902308	8.038	ng	100
78) Pyrene	19.675	202	1876148	7.551	ng	98
80) Butylbenzylphthalate	20.539	149	674730	6.282	ng	97
81) Benzo(a)anthracene	21.386	228	1964884	7.723	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	757792	7.972	ng	100
83) Chrysene	21.439	228	1847412	7.685	ng	99
84) Bis(2-ethylhexyl)phthalate	21.298	149	1022239	6.577	ng	98
85) Di-n-octyl phthalate	22.239	149	1748585	6.627	ng	98
87) Indeno(1,2,3-cd)pyrene	26.427	276	2145687	6.964	ng	99
88) Benzo(b)fluoranthene	23.104	252	2058802	8.139	ng	99
89) Benzo(k)fluoranthene	23.157	252	1945389	7.924	ng	98
90) Benzo(a)pyrene	23.751	252	1765248	7.104	ng	98
91) Dibenzo(a,h)anthracene	26.445	278	1866149	7.275	ng	99
92) Benzo(g,h,i)perylene	27.209	276	1819372	7.188	ng	99

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

