

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
 Data File : BP011715.D
 Acq On : 15 Sep 2022 19:55
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ--WATER-5NG
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Sep 16 04:00:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 16 03:52:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	432856	20.000	ng	0.00
21) Naphthalene-d8	10.751	136	1755241	20.000	ng	# 0.00
39) Acenaphthene-d10	14.575	164	1016572	20.000	ng	-0.01
64) Phenanthrene-d10	17.333	188	1974980	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1731036	20.000	ng	# 0.00
86) Perylene-d12	23.863	264	1619530	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2782071	116.989	ng	0.00
7) Phenol-d6	7.099	99	3708025	116.973	ng	0.00
23) Nitrobenzene-d5	9.104	82	2575416	87.020	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	938024	118.097	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	5646748	86.344	ng	0.00
79) Terphenyl-d14	19.886	244	7156935	89.908	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	62716	5.989	ng	# 84
3) Pyridine	3.793	79	143906	4.766	ng	# 79
4) n-Nitrosodimethylamine	3.693	42	65991	5.701	ng	# 53
6) Aniline	7.263	93	241676	6.189	ng	90
8) 2-Chlorophenol	7.499	128	164547	5.835	ng	95
9) Benzaldehyde	7.075	77	146633	7.227	ng	90
10) Phenol	7.122	94	205453	5.762	ng	84
11) bis(2-Chloroethyl)ether	7.358	93	163943	5.772	ng	95
12) 1,3-Dichlorobenzene	7.828	146	179697	5.746	ng	# 93
13) 1,4-Dichlorobenzene	7.975	146	184786	5.811	ng	96
14) 1,2-Dichlorobenzene	8.293	146	177120	5.842	ng	96
15) Benzyl Alcohol	8.181	79	124260	5.491	ng	# 90
16) 2,2'-oxybis(1-Chloropr...	8.475	45	231499	6.102	ng	94
17) 2-Methylphenol	8.381	107	121131	5.233	ng	92
18) Hexachloroethane	9.022	117	61695	5.609	ng	91
19) n-Nitroso-di-n-propyla...	8.746	70	111360	5.426	ng	# 84
20) 3+4-Methylphenols	8.705	107	163184	5.133	ng	94
22) Acetophenone	8.763	105	241988	5.881	ng	# 90
24) Nitrobenzene	9.146	77	189446	6.152	ng	# 89
25) Isophorone	9.675	82	291905	5.576	ng	# 95
26) 2-Nitrophenol	9.863	139	53416	4.228	ng	# 79
27) 2,4-Dimethylphenol	9.916	122	131819	6.022	ng	89
28) bis(2-Chloroethoxy)met...	10.157	93	214374	6.403	ng	99
29) 2,4-Dichlorophenol	10.393	162	119540	4.930	ng	96
30) 1,2,4-Trichlorobenzene	10.610	180	150928	5.622	ng	98
31) Naphthalene	10.799	128	522591	5.737	ng	99
32) Benzoic acid	9.975	122	31934	1.950	ng	# 86
33) 4-Chloroaniline	10.910	127	197676	5.531	ng	93
34) Hexachlorobutadiene	11.087	225	79049	5.346	ng	99
35) Caprolactam	11.681	113	32021	4.076	ng	# 77
36) 4-Chloro-3-methylphenol	12.028	107	130812	5.016	ng	92
37) 2-Methylnaphthalene	12.404	142	341937	5.609	ng	96
38) 1-Methylnaphthalene	12.622	142	330426	5.544	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	153244	5.712	ng	97
41) Hexachlorocyclopentadiene	12.751	237	78194	5.839	ng	99
43) 2,4,6-Trichlorophenol	13.010	196	84449	4.627	ng	98

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44) 2,4,5-Trichlorophenol	13.081	196	97875	4.797	ng	98
46) 1,1'-Biphenyl	13.416	154	453846	6.137	ng	99
47) 2-Chloronaphthalene	13.457	162	335659	5.769	ng	99
48) 2-Nitroaniline	13.657	65	71817	4.401	ng	89
49) Acenaphthylene	14.298	152	487875	5.419	ng	99
50) Dimethylphthalate	14.034	163	392648	5.537	ng	99
51) 2,6-Dinitrotoluene	14.151	165	67549	4.697	ng	93
52) Acenaphthene	14.639	154	334371m	5.583	ng	
53) 3-Nitroaniline	14.481	138	71649	4.320	ng	97
54) 2,4-Dinitrophenol	14.687	184	20074	2.865	ng	97
55) Dibenzofuran	14.975	168	506323	5.871	ng	99
56) 4-Nitrophenol	14.781	139	51141	3.660	ng	# 75
57) 2,4-Dinitrotoluene	14.934	165	77582	4.165	ng	93
58) Fluorene	15.628	166	396171	5.664	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.198	232	76046	4.536	ng	92
60) Diethylphthalate	15.398	149	378643	5.363	ng	98
61) 4-Chlorophenyl-phenyle...	15.622	204	184796	5.715	ng	98
62) 4-Nitroaniline	15.639	138	67649	4.058	ng	# 83
63) Azobenzene	15.916	77	351716	5.184	ng	92
65) 4,6-Dinitro-2-methylph...	15.698	198	30139	3.120	ng	92
66) n-Nitrosodiphenylamine	15.834	169	325026	5.531	ng	97
67) 4-Bromophenyl-phenylether	16.516	248	97179	5.256	ng	94
68) Hexachlorobenzene	16.628	284	107457	5.397	ng	# 92
69) Atrazine	16.786	200	93200	5.196	ng	96
70) Pentachlorophenol	16.975	266	48206	3.816	ng	95
71) Phenanthrene	17.375	178	605998	5.639	ng	98
72) Anthracene	17.463	178	561690	5.526	ng	99
73) Carbazole	17.733	167	523478	5.459	ng	100
74) Di-n-butylphthalate	18.286	149	542046	4.690	ng	98
75) Fluoranthene	19.333	202	618034	5.332	ng	96
77) Benzidine	19.516	184	255139	6.198	ng	98
78) Pyrene	19.686	202	649511	5.563	ng	98
80) Butylbenzylphthalate	20.557	149	206300	4.217	ng	96
81) Benzo(a)anthracene	21.392	228	602662	5.401	ng	99
82) 3,3'-Dichlorobenzidine	21.327	252	188806	5.572	ng	# 98
83) Chrysene	21.451	228	579259	5.434	ng	98
84) Bis(2-ethylhexyl)phtha...	21.321	149	299727	4.259	ng	99
85) Di-n-octyl phthalate	22.263	149	454394	3.762	ng	96
87) Indeno(1,2,3-cd)pyrene	26.427	276	579363	4.966	ng	# 88
88) Benzo(b)fluoranthene	23.110	252	552457	5.515	ng	# 96
89) Benzo(k)fluoranthene	23.163	252	571098	5.658	ng	# 97
90) Benzo(a)pyrene	23.751	252	462761	5.593	ng	# 93
91) Dibenzo(a,h)anthracene	26.445	278	516517	5.331	ng	# 93
92) Benzo(g,h,i)perylene	27.204	276	497746	5.270	ng	# 89

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

