

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
 Data File : BP013100.D
 Acq On : 13 Dec 2022 17:01
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Dec 14 04:59:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 04:56:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	579061	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	2339715	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	1420960	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	2659432	20.000	ng	0.01
76) Chrysene-d12	21.457	240	2193481	20.000	ng	0.01
86) Perylene-d12	23.945	264	2325564	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2467400	77.855	ng	0.00
7) Phenol-d6	7.122	99	3184229	76.936	ng	0.00
23) Nitrobenzene-d5	9.134	82	2285455	53.551	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1265713	73.879	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	5570489	53.228	ng	0.00
79) Terphenyl-d14	19.916	244	6235278	56.082	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.381	88	106951	7.616	ng	99
3) Pyridine	3.799	79	309216	7.754	ng	97
4) n-Nitrosodimethylamine	3.705	42	154167	8.626	ng	# 97
6) Aniline	7.287	93	479368	9.565	ng	97
8) 2-Chlorophenol	7.522	128	319950	8.564	ng	97
9) Benzaldehyde	7.099	77	296513m	11.940	ng	
10) Phenol	7.146	94	396367	8.556	ng	94
11) bis(2-Chloroethyl)ether	7.387	93	324978	8.713	ng	99
12) 1,3-Dichlorobenzene	7.852	146	375722	8.643	ng	98
13) 1,4-Dichlorobenzene	7.999	146	380987	8.606	ng	100
14) 1,2-Dichlorobenzene	8.322	146	365474	8.698	ng	99
15) Benzyl Alcohol	8.205	79	252797	8.420	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.499	45	480920	8.903	ng	98
17) 2-Methylphenol	8.410	107	250565	8.183	ng	99
18) Hexachloroethane	9.052	117	125649	8.381	ng	93
19) n-Nitroso-di-n-propyla...	8.775	70	236957	8.815	ng	99
20) 3+4-Methylphenols	8.734	107	336983	8.095	ng	99
22) Acetophenone	8.793	105	413973	7.110	ng	# 98
24) Nitrobenzene	9.175	77	369378	8.304	ng	99
25) Isophorone	9.704	82	618844	8.537	ng	99
26) 2-Nitrophenol	9.893	139	142132	6.981	ng	98
27) 2,4-Dimethylphenol	9.946	122	269679	8.793	ng	96
28) bis(2-Chloroethoxy)met...	10.187	93	433209	9.320	ng	99
29) 2,4-Dichlorophenol	10.422	162	289287	7.642	ng	95
30) 1,2,4-Trichlorobenzene	10.640	180	351921	7.877	ng	97
31) Naphthalene	10.834	128	1026865	8.015	ng	99
32) Benzoic acid	10.034	122	189405	7.827	ng	96
33) 4-Chloroaniline	10.946	127	394576	8.258	ng	99
34) Hexachlorobutadiene	11.116	225	221724	7.780	ng	97
35) Caprolactam	11.722	113	52759m	5.398	ng	
36) 4-Chloro-3-methylphenol	12.057	107	283845	8.028	ng	97
37) 2-Methylnaphthalene	12.440	142	700797	8.134	ng	100
38) 1-Methylnaphthalene	12.657	142	669955	7.985	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	340274	6.713	ng	99
41) Hexachlorocyclopentadiene	12.781	237	207502	8.118	ng	99
43) 2,4,6-Trichlorophenol	13.040	196	234068	7.322	ng	98

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44) 2,4,5-Trichlorophenol	13.110	196	254184	7.360	ng	97
46) 1,1'-Biphenyl	13.440	154	781082	6.952	ng	98
47) 2-Chloronaphthalene	13.487	162	719969	8.063	ng	99
48) 2-Nitroaniline	13.693	65	151733	6.868	ng	91
49) Acenaphthylene	14.334	152	1037133	7.895	ng	100
50) Dimethylphthalate	14.063	163	817052	7.861	ng	99
51) 2,6-Dinitrotoluene	14.181	165	156418	7.354	ng	93
52) Acenaphthene	14.675	154	653416	8.002	ng	100
53) 3-Nitroaniline	14.510	138	144896	6.681	ng	97
54) 2,4-Dinitrophenol	14.722	184	64743	5.109	ng	97
55) Dibenzofuran	15.010	168	1072868	8.210	ng	99
56) 4-Nitrophenol	14.816	139	109830	6.179	ng	98
57) 2,4-Dinitrotoluene	14.969	165	176132	6.625	ng	# 86
58) Fluorene	15.657	166	805721	7.966	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	213340	7.226	ng	98
60) Diethylphthalate	15.422	149	718588	7.521	ng	98
61) 4-Chlorophenyl-phenyle...	15.651	204	426352	8.145	ng	98
62) 4-Nitroaniline	15.675	138	122942	6.074	ng	97
63) Azobenzene	15.945	77	683620	7.699	ng	98
65) 4,6-Dinitro-2-methylph...	15.734	198	89945	5.265	ng	86
66) n-Nitrosodiphenylamine	15.863	169	661610	7.968	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	239038	7.601	ng	97
68) Hexachlorobenzene	16.669	284	290144	7.880	ng	99
69) Atrazine	16.816	200	158503	6.804	ng	98
70) Pentachlorophenol	17.010	266	133809	6.171	ng	98
71) Phenanthrene	17.410	178	1179653	7.795	ng	99
72) Anthracene	17.498	178	1106262	7.787	ng	100
73) Carbazole	17.769	167	945348	7.590	ng	99
74) Di-n-butylphthalate	18.310	149	902903	6.591	ng	99
75) Fluoranthene	19.375	202	1170301	7.185	ng	99
77) Benzidine	19.551	184	316891	10.171	ng	98
78) Pyrene	19.727	202	1235435	7.838	ng	100
80) Butylbenzylphthalate	20.592	149	325039	6.361	ng	99
81) Benzo(a)anthracene	21.439	228	1159860	7.736	ng	100
82) 3,3'-Dichlorobenzidine	21.369	252	307259	6.882	ng	98
83) Chrysene	21.492	228	1135105	7.762	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	452045	6.504	ng	99
85) Di-n-octyl phthalate	22.304	149	722960	6.194	ng	97
87) Indeno(1,2,3-cd)pyrene	26.551	276	1365067	7.184	ng	99
88) Benzo(b)fluoranthene	23.180	252	1139877	7.613	ng	100
89) Benzo(k)fluoranthene	23.233	252	1180026	7.790	ng	99
90) Benzo(a)pyrene	23.833	252	981955	7.815	ng	98
91) Dibenzo(a,h)anthracene	26.568	278	1193367	7.557	ng	99
92) Benzo(g,h,i)perylene	27.351	276	1175089	7.510	ng	99

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

