

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062678.D
 Acq On : 6 Sep 2024 12:38
 Operator : MA/JU
 Sample : IDOC-04
 Misc : 8270-WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-04

Quant Time: Sep 06 13:13:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 31 02:36:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	87186	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	363638	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	313908	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	859313	20.000	ng	0.00
76) Chrysene-d12	21.542	240	859483	20.000	ng	0.00
86) Perylene-d12	24.609	264	871007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	671025	133.036	ng	0.00
7) Phenol-d6	7.095	99	906802	124.447	ng	0.00
23) Nitrobenzene-d5	9.081	82	571858	84.695	ng	0.00
42) 2,4,6-Tribromophenol	16.043	330	617394	139.755	ng	0.00
45) 2-Fluorobiphenyl	13.176	172	1458400	75.255	ng	0.00
79) Terphenyl-d14	19.909	244	3197380	73.764	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	57274	27.257	ng	99
3) Pyridine	3.798	79	151171	24.970	ng	98
4) n-Nitrosodimethylamine	3.710	42	127878	43.447	ng	94
6) Aniline	7.247	93	158666	23.306	ng	96
8) 2-Chlorophenol	7.488	128	255196	47.126	ng	93
9) Benzaldehyde	7.059	77	31723	7.484	ng	84
10) Phenol	7.118	94	345936	46.896	ng	96
11) bis(2-Chloroethyl)ether	7.341	93	228535	40.465	ng	98
12) 1,3-Dichlorobenzene	7.811	146	237239	39.922	ng	98
13) 1,4-Dichlorobenzene	7.958	146	248507	40.635	ng	97
14) 1,2-Dichlorobenzene	8.276	146	241018	40.094	ng	99
15) Benzyl Alcohol	8.158	79	249653	46.306	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.440	45	413425	38.408	ng	100
17) 2-Methylphenol	8.364	107	226158	43.983	ng	97
18) Hexachloroethane	9.004	117	88258	38.488	ng	91
19) n-Nitroso-di-n-propyla...	8.728	70	207069	36.064	ng	98
20) 3+4-Methylphenols	8.693	107	316749	41.755	ng	97
22) Acetophenone	8.740	105	359311	36.627	ng	97
24) Nitrobenzene	9.122	77	302309	42.109	ng	100
25) Isophorone	9.645	82	584274	39.421	ng	99
26) 2-Nitrophenol	9.827	139	133542	49.230	ng	98
27) 2,4-Dimethylphenol	9.891	122	195596	49.211	ng	99
28) bis(2-Chloroethoxy)met...	10.126	93	328610	41.416	ng	99
29) 2,4-Dichlorophenol	10.367	162	273253	49.170	ng	96
30) 1,2,4-Trichlorobenzene	10.579	180	280784	42.622	ng	98
31) Naphthalene	10.767	128	746699	41.428	ng	99
32) Benzoic acid	10.050	122	186178	43.553	ng	98
33) 4-Chloroaniline	10.873	127	170884	24.092	ng	96
34) Hexachlorobutadiene	11.055	225	193289	42.008	ng	99
35) Caprolactam	11.654	113	93516m	43.651	ng	
36) 4-Chloro-3-methylphenol	12.001	107	312034	46.549	ng	98
37) 2-Methylnaphthalene	12.371	142	585134	41.856	ng	97
38) 1-Methylnaphthalene	12.594	142	555984	39.608	ng	99
40) 1,2,4,5-Tetrachloroben...	12.741	216	372680	39.478	ng	99
41) Hexachlorocyclopentadiene	12.723	237	270053	100.263	ng	97
43) 2,4,6-Trichlorophenol	12.982	196	279757	46.747	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.058	196	320713	47.322	ng	99
46) 1,1'-Biphenyl	13.381	154	786980	37.579	ng	98
47) 2-Chloronaphthalene	13.422	162	687984	40.535	ng	99
48) 2-Nitroaniline	13.622	65	239424	53.634	ng	92
49) Acenaphthylene	14.269	152	1129217	44.927	ng	97
50) Dimethylphthalate	14.010	163	1004019	43.741	ng	99
51) 2,6-Dinitrotoluene	14.122	165	213677	49.216	ng	96
52) Acenaphthene	14.615	154	644130	40.995	ng	99
53) 3-Nitroaniline	14.451	138	165513	39.398	ng	98
54) 2,4-Dinitrophenol	14.662	184	279617	114.762	ng	99
55) Dibenzofuran	14.950	168	1172502	43.513	ng	98
56) 4-Nitrophenol	14.774	139	360692	101.310	ng	95
57) 2,4-Dinitrotoluene	14.915	165	316941	53.503	ng	94
58) Fluorene	15.596	166	909489	43.008	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.173	232	330305	51.447	ng	96
60) Diethylphthalate	15.373	149	1004046	44.133	ng	97
61) 4-Chlorophenyl-phenyle...	15.591	204	529148	43.587	ng	96
62) 4-Nitroaniline	15.620	138	221387	47.793	ng	98
63) Azobenzene	15.884	77	924758	43.289	ng	98
65) 4,6-Dinitro-2-methylph...	15.679	198	205070	53.476	ng	93
66) n-Nitrosodiphenylamine	15.808	169	877398	42.468	ng	99
67) 4-Bromophenyl-phenylether	16.484	248	387946	43.743	ng	96
68) Hexachlorobenzene	16.601	284	457274	43.537	ng	97
69) Atrazine	16.754	200	274651	39.140	ng	97
70) Pentachlorophenol	16.948	266	564693	83.943	ng	98
71) Phenanthrene	17.336	178	1714706	42.751	ng	99
72) Anthracene	17.424	178	1704445	43.221	ng	99
73) Carbazole	17.694	167	1520619	41.944	ng	99
74) Di-n-butylphthalate	18.258	149	1755228	42.931	ng	99
75) Fluoranthene	19.345	202	2113235	41.658	ng	98
77) Benzidine	19.527	184	130224	8.406	ng	98
78) Pyrene	19.709	202	2195711	40.189	ng	97
80) Butylbenzylphthalate	20.602	149	746420	46.513	ng	99
81) Benzo(a)anthracene	21.525	228	2342941	43.220	ng	98
82) 3,3'-Dichlorobenzidine	21.442	252	617829	34.985	ng	99
83) Chrysene	21.584	228	2228575	42.919	ng	98
84) Bis(2-ethylhexyl)phtha...	21.437	149	1072850	44.006	ng	98
85) Di-n-octyl phthalate	22.600	149	1874307	43.909	ng	99
87) Indeno(1,2,3-cd)pyrene	28.088	276	2888945	51.726	ng	# 93
88) Benzo(b)fluoranthene	23.646	252	2351363	48.876	ng	99
89) Benzo(k)fluoranthene	23.710	252	2364542	50.245	ng	100
90) Benzo(a)pyrene	24.474	252	2194018	51.622	ng	98
91) Dibenzo(a,h)anthracene	28.152	278	2388940	51.923	ng	98
92) Benzo(g,h,i)perylene	29.180	276	2268605	48.899	ng	97

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

