

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
 Data File : BG062677.D
 Acq On : 6 Sep 2024 11:57
 Operator : MA/JU
 Sample : IDOC-03
 Misc : 8270-WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDOC-03

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 12:34:32 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	65601	20.000	ng	0.00
21) Naphthalene-d8	10.714	136	267584	20.000	ng	0.00
39) Acenaphthene-d10	14.550	164	225749	20.000	ng	0.00
64) Phenanthrene-d10	17.294	188	637757	20.000	ng	0.00
76) Chrysene-d12	21.536	240	658216	20.000	ng	0.00
86) Perylene-d12	24.609	264	682743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	535923	141.212	ng	0.00
7) Phenol-d6	7.094	99	713989	130.227	ng	0.00
23) Nitrobenzene-d5	9.080	82	446755	89.918	ng	0.00
42) 2,4,6-Tribromophenol	16.037	330	486387	153.096	ng	0.00
45) 2-Fluorobiphenyl	13.170	172	1161553	83.343	ng	0.00
79) Terphenyl-d14	19.909	244	2691103	81.068	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.405	88	50581	31.992	ng	95
3) Pyridine	3.798	79	128457	28.199	ng	99
4) n-Nitrosodimethylamine	3.710	42	94598	42.715	ng	99
6) Aniline	7.247	93	142046	27.730	ng	95
8) 2-Chlorophenol	7.488	128	193739	47.549	ng	97
9) Benzaldehyde	7.059	77	211587	66.345	ng	96
10) Phenol	7.118	94	254361	45.828	ng	98
11) bis(2-Chloroethyl)ether	7.341	93	169781	39.953	ng	98
12) 1,3-Dichlorobenzene	7.811	146	187581	41.952	ng	98
13) 1,4-Dichlorobenzene	7.958	146	192087	41.744	ng	100
14) 1,2-Dichlorobenzene	8.275	146	186643	41.265	ng	97
15) Benzyl Alcohol	8.158	79	183509	45.237	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	313029	38.650	ng	100
17) 2-Methylphenol	8.364	107	171942	44.442	ng	98
18) Hexachloroethane	9.004	117	66951	38.803	ng	# 82
19) n-Nitroso-di-n-propyla...	8.722	70	152199	35.230	ng	94
20) 3+4-Methylphenols	8.687	107	237557	41.620	ng	94
22) Acetophenone	8.740	105	293266	40.626	ng	# 96
24) Nitrobenzene	9.116	77	223937	42.390	ng	98
25) Isophorone	9.639	82	419781	38.489	ng	97
26) 2-Nitrophenol	9.827	139	97148	48.669	ng	99
27) 2,4-Dimethylphenol	9.891	122	143756	49.152	ng	95
28) bis(2-Chloroethoxy)met...	10.120	93	242019	41.452	ng	99
29) 2,4-Dichlorophenol	10.361	162	200494	49.029	ng	98
30) 1,2,4-Trichlorobenzene	10.579	180	207827	42.871	ng	98
31) Naphthalene	10.767	128	554814	41.832	ng	99
32) Benzoic acid	10.032	122	141460m	44.971	ng	
33) 4-Chloroaniline	10.872	127	127657	24.458	ng	95
34) Hexachlorobutadiene	11.054	225	146541	43.281	ng	99
35) Caprolactam	11.636	113	74743m	47.412	ng	
36) 4-Chloro-3-methylphenol	11.995	107	229051	46.436	ng	99
37) 2-Methylnaphthalene	12.371	142	430916	41.890	ng	97
38) 1-Methylnaphthalene	12.588	142	405827	39.289	ng	98
40) 1,2,4,5-Tetrachloroben...	12.741	216	294306	43.350	ng	99
41) Hexachlorocyclopentadiene	12.723	237	239239	123.510	ng	100
43) 2,4,6-Trichlorophenol	12.976	196	202539	47.060	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.052	196	232418	47.686	ng	96
46) 1,1'-Biphenyl	13.381	154	620629	41.209	ng	99
47) 2-Chloronaphthalene	13.422	162	505736	41.434	ng	98
48) 2-Nitroaniline	13.622	65	171029	53.274	ng	92
49) Acenaphthylene	14.268	152	831587	46.006	ng	97
50) Dimethylphthalate	14.004	163	729384	44.185	ng	99
51) 2,6-Dinitrotoluene	14.121	165	154673	49.538	ng	92
52) Acenaphthene	14.615	154	469918	41.587	ng	100
53) 3-Nitroaniline	14.451	138	115345	38.179	ng	98
54) 2,4-Dinitrophenol	14.656	184	204199	116.537	ng	98
55) Dibenzofuran	14.950	168	856983	44.224	ng	97
56) 4-Nitrophenol	14.768	139	277369	108.330	ng	95
57) 2,4-Dinitrotoluene	14.909	165	231269	54.286	ng	94
58) Fluorene	15.596	166	673480	44.284	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.173	232	239478	51.867	ng	94
60) Diethylphthalate	15.367	149	736710	45.028	ng	100
61) 4-Chlorophenyl-phenyle...	15.590	204	387851	44.424	ng	95
62) 4-Nitroaniline	15.620	138	165639	49.723	ng	98
63) Azobenzene	15.884	77	673795	43.858	ng	98
65) 4,6-Dinitro-2-methylph...	15.673	198	147606	51.863	ng	96
66) n-Nitrosodiphenylamine	15.802	169	646295	42.150	ng	99
67) 4-Bromophenyl-phenylether	16.483	248	279652	42.487	ng	96
68) Hexachlorobenzene	16.601	284	332603	42.668	ng	94
69) Atrazine	16.754	200	237153	45.536	ng	98
70) Pentachlorophenol	16.942	266	432894	86.706	ng	98
71) Phenanthrene	17.335	178	1281473	43.049	ng	99
72) Anthracene	17.423	178	1300615	44.438	ng	98
73) Carbazole	17.694	167	1153300	42.864	ng	99
74) Di-n-butylphthalate	18.258	149	1315582	43.356	ng	99
75) Fluoranthene	19.345	202	1624890	43.159	ng	98
77) Benzidine	19.527	184	147040	12.394	ng	99
78) Pyrene	19.709	202	1693986	40.487	ng	98
80) Butylbenzylphthalate	20.602	149	556755	45.303	ng	98
81) Benzo(a)anthracene	21.519	228	1795467	43.249	ng	98
82) 3,3'-Dichlorobenzidine	21.436	252	503604	37.237	ng	97
83) Chrysene	21.583	228	1730367	43.514	ng	99
84) Bis(2-ethylhexyl)phtha...	21.436	149	802622	42.989	ng	# 98
85) Di-n-octyl phthalate	22.600	149	1398104	42.768	ng	99
87) Indeno(1,2,3-cd)pyrene	28.082	276	2182335	49.849	ng	98
88) Benzo(b)fluoranthene	23.640	252	1760667	46.689	ng	98
89) Benzo(k)fluoranthene	23.704	252	1832191	49.668	ng	99
90) Benzo(a)pyrene	24.468	252	1652141	49.592	ng	98
91) Dibenzo(a,h)anthracene	28.146	278	1798004	49.856	ng	97
92) Benzo(g,h,i)perylene	29.163	276	1706719	46.932	ng	98

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

