

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060861.D
 Acq On : 11 Apr 2024 16:12
 Operator : MA/JU
 Sample : P2070-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-5MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 11 16:44:51 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	62333	20.000	ng	-0.01
21) Naphthalene-d8	10.746	136	244113	20.000	ng	-0.01
39) Acenaphthene-d10	14.577	164	186023	20.000	ng	-0.01
64) Phenanthrene-d10	17.327	188	460079	20.000	ng	-0.01
76) Chrysene-d12	21.587	240	399415	20.000	ng	-0.02
86) Perylene-d12	24.724	264	471161	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.535	112	386524	103.301	ng	0.00
7) Phenol-d6	7.115	99	548347	98.727	ng	0.00
23) Nitrobenzene-d5	9.101	82	355370	83.068	ng	-0.01
42) 2,4,6-Tribromophenol	16.069	330	312787	148.124	ng	0.00
45) 2-Fluorobiphenyl	13.202	172	829408	65.436	ng	-0.02
79) Terphenyl-d14	19.947	244	1534311	67.641	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	51257	33.412	ng	93
3) Pyridine	3.837	79	142697	30.838	ng	84
4) n-Nitrosodimethylamine	3.754	42	115630	41.804	ng	92
6) Aniline	7.274	93	151952	21.665	ng	97
8) 2-Chlorophenol	7.515	128	178228	42.015	ng	97
9) Benzaldehyde	7.086	77	17301m	5.649	ng	
10) Phenol	7.145	94	232075	40.942	ng	96
11) bis(2-Chloroethyl)ether	7.368	93	162159	35.433	ng	96
12) 1,3-Dichlorobenzene	7.838	146	183551	41.609	ng	97
13) 1,4-Dichlorobenzene	7.985	146	187205	41.596	ng	98
14) 1,2-Dichlorobenzene	8.302	146	182311	41.336	ng	98
15) Benzyl Alcohol	8.179	79	175714	39.056	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.467	45	409247	39.625	ng	99
17) 2-Methylphenol	8.390	107	156397	36.549	ng	96
18) Hexachloroethane	9.031	117	69372	43.401	ng	88
19) n-Nitroso-di-n-propyla...	8.754	70	146009	34.472	ng	98
20) 3+4-Methylphenols	8.713	107	221795	37.851	ng	96
22) Acetophenone	8.766	105	281316	41.794	ng	# 97
24) Nitrobenzene	9.148	77	207985	43.926	ng	98
25) Isophorone	9.671	82	385302	39.103	ng	98
26) 2-Nitrophenol	9.853	139	96353	55.885	ng	89
27) 2,4-Dimethylphenol	9.918	122	133098	33.626	ng	98
28) bis(2-Chloroethoxy)met...	10.153	93	227177	39.052	ng	99
29) 2,4-Dichlorophenol	10.394	162	179550	49.398	ng	100
30) 1,2,4-Trichlorobenzene	10.605	180	194781	47.325	ng	99
31) Naphthalene	10.793	128	544408	41.227	ng	99
32) Benzoic acid	10.065	122	140086	52.454	ng	95
33) 4-Chloroaniline	10.893	127	83891	13.678	ng	99
34) Hexachlorobutadiene	11.087	225	137209	50.022	ng	97
35) Caprolactam	11.669	113	64271m	44.646	ng	
36) 4-Chloro-3-methylphenol	12.027	107	214076	46.105	ng	98
37) 2-Methylnaphthalene	12.403	142	392059	40.384	ng	99
38) 1-Methylnaphthalene	12.621	142	361412	39.407	ng	99
40) 1,2,4,5-Tetrachloroben...	12.773	216	259689	48.558	ng	98
41) Hexachlorocyclopentadiene	12.756	237	284497	104.621	ng	99
43) 2,4,6-Trichlorophenol	13.008	196	177728	51.611	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.085	196	198019	48.185	ng	97
46) 1,1'-Biphenyl	13.414	154	548349	41.733	ng	99
47) 2-Chloronaphthalene	13.455	162	433500	43.424	ng	99
48) 2-Nitroaniline	13.649	65	170464	51.929	ng	97
49) Acenaphthylene	14.301	152	750387	44.735	ng	100
50) Dimethylphthalate	14.037	163	615983	41.894	ng	99
51) 2,6-Dinitrotoluene	14.148	165	128718	48.829	ng	97
52) Acenaphthene	14.642	154	520741m	49.445	ng	
53) 3-Nitroaniline	14.477	138	83751	30.129	ng	# 97
54) 2,4-Dinitrophenol	14.683	184	168315	164.459	ng	90
55) Dibenzofuran	14.977	168	701294	42.216	ng	98
56) 4-Nitrophenol	14.794	139	230146	107.071	ng	96
57) 2,4-Dinitrotoluene	14.935	165	188025	54.129	ng	96
58) Fluorene	15.629	166	575980	43.201	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.206	232	194590	54.333	ng	# 97
60) Diethylphthalate	15.406	149	607291	41.053	ng	98
61) 4-Chlorophenyl-phenyle...	15.623	204	313441	44.438	ng	96
62) 4-Nitroaniline	15.646	138	138194	51.407	ng	95
63) Azobenzene	15.917	77	593024	41.140	ng	96
65) 4,6-Dinitro-2-methylph...	15.705	198	117319	59.769	ng	96
66) n-Nitrosodiphenylamine	15.840	169	542352	41.252	ng	99
67) 4-Bromophenyl-phenylether	16.516	248	221542	47.448	ng	98
68) Hexachlorobenzene	16.633	284	248718	47.187	ng	99
69) Atrazine	16.792	200	213595	46.458	ng	98
70) Pentachlorophenol	16.974	266	345558	100.474	ng	96
71) Phenanthrene	17.368	178	996934	41.664	ng	100
72) Anthracene	17.462	178	1017732	41.882	ng	99
73) Carbazole	17.726	167	885554	41.332	ng	99
74) Di-n-butylphthalate	18.302	149	1085193	40.627	ng	99
75) Fluoranthene	19.383	202	1202285	41.408	ng	97
77) Benzidine	19.559	184	399520	37.986	ng	98
78) Pyrene	19.742	202	1228485	43.978	ng	99
80) Butylbenzylphthalate	20.646	149	463786	45.514	ng	94
81) Benzo(a)anthracene	21.569	228	1231078	43.726	ng	99
82) 3,3'-Dichlorobenzidine	21.487	252	313754	33.004	ng	95
83) Chrysene	21.634	228	1157414	42.651	ng	99
84) Bis(2-ethylhexyl)phtha...	21.504	149	671236	41.328	ng	97
85) Di-n-octyl phthalate	22.697	149	1140489	43.104	ng	98
87) Indeno(1,2,3-cd)pyrene	28.285	276	1476270	44.494	ng	# 97
88) Benzo(b)fluoranthene	23.731	252	1188702	43.915	ng	98
89) Benzo(k)fluoranthene	23.802	252	1161678	41.930	ng	98
90) Benzo(a)pyrene	24.577	252	1113012	42.312	ng	97
91) Dibenzo(a,h)anthracene	28.343	278	1220175	43.625	ng	96
92) Benzo(g,h,i)perylene	29.383	276	1128802	41.488	ng	98

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

