

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082323\
 Data File : BG058826.D
 Acq On : 23 Aug 2023 17:38
 Operator : MA/JU
 Sample : 04110-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

TP-04(1-2)MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2023

Supervised By :mohammad ahmed 08/24/2023

Quant Time: Aug 24 02:45:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	16534	20.000	ng	0.00
21) Naphthalene-d8	10.603	136	76405	20.000	ng	0.00
39) Acenaphthene-d10	14.452	164	61319	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	149776	20.000	ng	0.00
76) Chrysene-d12	21.449	240	124315	20.000	ng	0.00
86) Perylene-d12	24.516	264	160309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	113523	110.492	ng	0.00
7) Phenol-d6	6.984	99	166036	115.183	ng	0.00
23) Nitrobenzene-d5	8.970	82	100750	63.397	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	95635	99.467	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	243882	57.848	ng	0.00
79) Terphenyl-d14	19.822	244	449714	64.956	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.259	88	19984	41.371	ng	93
3) Pyridine	3.658	79	48898	38.307	ng	97
4) n-Nitrosodimethylamine	3.576	42	33924	48.885	ng	97
6) Aniline	7.131	93	45795	25.989	ng	97
8) 2-Chlorophenol	7.372	128	65722	63.265	ng	99
9) Benzaldehyde	6.943	77	25740m	31.834	ng	
10) Phenol	7.007	94	90120	64.834	ng	97
11) bis(2-Chloroethyl)ether	7.225	93	56605	52.190	ng	97
12) 1,3-Dichlorobenzene	7.695	146	60797	55.097	ng	96
13) 1,4-Dichlorobenzene	7.842	146	63022	56.479	ng	99
14) 1,2-Dichlorobenzene	8.159	146	60310	55.921	ng	99
15) Benzyl Alcohol	8.047	79	65866	63.908	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.329	45	129008m	55.812	ng	
17) 2-Methylphenol	8.259	107	61770	60.504	ng	95
18) Hexachloroethane	8.882	117	22077	54.303	ng	94
19) n-Nitroso-di-n-propyla...	8.611	70	52894	56.765	ng	99
20) 3+4-Methylphenols	8.588	107	85825	62.529	ng	99
22) Acetophenone	8.629	105	101848	49.243	ng	99
24) Nitrobenzene	9.011	77	76875	48.636	ng	93
25) Isophorone	9.534	82	155357	49.158	ng	99
26) 2-Nitrophenol	9.722	139	35747	54.075	ng	95
27) 2,4-Dimethylphenol	9.787	122	62720	55.983	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	85048	50.804	ng	99
29) 2,4-Dichlorophenol	10.262	162	71187	61.835	ng	97
30) 1,2,4-Trichlorobenzene	10.468	180	71341	51.317	ng	99
31) Naphthalene	10.656	128	201946	50.339	ng	99
32) Benzoic acid	9.963	122	43469m	61.482	ng	
33) 4-Chloroaniline	10.780	127	29578	17.482	ng	97
34) Hexachlorobutadiene	10.938	225	47225	50.332	ng	99
35) Caprolactam	11.561	113	25058m	60.742	ng	
36) 4-Chloro-3-methylphenol	11.908	107	88275	61.659	ng	98
37) 2-Methylnaphthalene	12.272	142	148178	51.427	ng	99
38) 1-Methylnaphthalene	12.489	142	146823	53.681	ng	97
40) 1,2,4,5-Tetrachloroben...	12.642	216	89734	47.469	ng	99
41) Hexachlorocyclopentadiene	12.619	237	66919	88.887	ng	99
43) 2,4,6-Trichlorophenol	12.889	196	66194	55.031	ng	98

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44) 2,4,5-Trichlorophenol	12.971	196	72886	50.601	ng	96
46) 1,1'-Biphenyl	13.288	154	206560	48.900	ng	99
47) 2-Chloronaphthalene	13.329	162	165304	50.216	ng	99
48) 2-Nitroaniline	13.541	65	64858	51.877	ng	95
49) Acenaphthylene	14.181	152	280485	51.380	ng	99
50) Dimethylphthalate	13.917	163	233597	49.201	ng	100
51) 2,6-Dinitrotoluene	14.040	165	52282	52.416	ng	94
52) Acenaphthene	14.522	154	160629	50.352	ng	95
53) 3-Nitroaniline	14.375	138	21595	22.448	ng	# 95
54) 2,4-Dinitrophenol	14.587	184	53384	94.403	ng	92
55) Dibenzofuran	14.857	168	274273	49.841	ng	99
56) 4-Nitrophenol	14.698	139	75829	107.342	ng	99
57) 2,4-Dinitrotoluene	14.834	165	75337	54.152	ng	99
58) Fluorene	15.503	166	222551	50.817	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	67437	57.373	ng	96
60) Diethylphthalate	15.274	149	246639	50.385	ng	98
61) 4-Chlorophenyl-phenyle...	15.498	204	123223	50.763	ng	96
62) 4-Nitroaniline	15.545	138	49785	50.994	ng	95
63) Azobenzene	15.791	77	226863	50.472	ng	98
65) 4,6-Dinitro-2-methylph...	15.603	198	43512	51.396	ng	98
66) n-Nitrosodiphenylamine	15.715	169	199164	51.593	ng	97
67) 4-Bromophenyl-phenylether	16.391	248	83937	51.070	ng	98
68) Hexachlorobenzene	16.508	284	94092	53.192	ng	97
69) Atrazine	16.667	200	81619	59.744	ng	99
70) Pentachlorophenol	16.861	266	85567	92.250	ng	98
71) Phenanthrene	17.248	178	363104	50.499	ng	99
72) Anthracene	17.337	178	366648	50.842	ng	100
73) Carbazole	17.613	167	341208	51.668	ng	99
74) Di-n-butylphthalate	18.159	149	421525	50.599	ng	99
75) Fluoranthene	19.264	202	433783	48.648	ng	99
77) Benzidine	19.452	184	110079	49.408	ng	99
78) Pyrene	19.622	202	444083	51.269	ng	98
80) Butylbenzylphthalate	20.509	149	186142	52.987	ng	99
81) Benzo(a)anthracene	21.426	228	442821	51.173	ng	99
82) 3,3'-Dichlorobenzidine	21.349	252	91796	30.726	ng	97
83) Chrysene	21.491	228	416197	49.898	ng	99
84) Bis(2-ethylhexyl)phtha...	21.326	149	270273	52.456	ng	99
85) Di-n-octyl phthalate	22.478	149	471200	53.171	ng	100
87) Indeno(1,2,3-cd)pyrene	28.024	276	556476	51.307	ng	# 94
88) Benzo(b)fluoranthene	23.547	252	476429	53.563	ng	97
89) Benzo(k)fluoranthene	23.606	252	446652	48.691	ng	99
90) Benzo(a)pyrene	24.375	252	420181	47.976	ng	98
91) Dibenzo(a,h)anthracene	28.071	278	460955	51.721	ng	98
92) Benzo(g,h,i)perylene	29.111	276	451026	50.617	ng	98

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

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