

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061022.D
 Acq On : 24 Apr 2024 12:25
 Operator : MA/JU
 Sample : PB160449BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

PB160449BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 13:21:00 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	20657	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	86807	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	74169	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	200893	20.000	ng	0.00
76) Chrysene-d12	21.584	240	200769	20.000	ng	0.00
86) Perylene-d12	24.704	264	244014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.532	112	166531	163.068	ng	0.00
7) Phenol-d6	7.119	99	221252	146.018	ng	0.01
23) Nitrobenzene-d5	9.099	82	154112	79.764	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	230230	141.358	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	468616	87.445	ng	0.00
79) Terphenyl-d14	19.945	244	1152250	89.085	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.447	88	15984	45.224	ng	95
3) Pyridine	3.834	79	44872	41.073	ng	94
4) n-Nitrosodimethylamine	3.746	42	51048	51.953	ng	# 99
6) Aniline	7.266	93	45188	24.813	ng	98
8) 2-Chlorophenol	7.512	128	66872	52.554	ng	98
9) Benzaldehyde	7.078	77	2884	3.700	ng	# 74
10) Phenol	7.142	94	80940	53.766	ng	96
11) bis(2-Chloroethyl)ether	7.360	93	49924	46.352	ng	97
12) 1,3-Dichlorobenzene	7.830	146	70287	49.810	ng	95
13) 1,4-Dichlorobenzene	7.977	146	72404	49.814	ng	100
14) 1,2-Dichlorobenzene	8.294	146	71800	50.546	ng	94
15) Benzyl Alcohol	8.176	79	69237	48.396	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.458	45	107782	45.970	ng	97
17) 2-Methylphenol	8.388	107	56824	46.748	ng	97
18) Hexachloroethane	9.022	117	25565	48.813	ng	92
19) n-Nitroso-di-n-propyla...	8.746	70	50334	44.574	ng	97
20) 3+4-Methylphenols	8.711	107	80733	47.490	ng	97
22) Acetophenone	8.764	105	106147	43.791	ng	# 94
24) Nitrobenzene	9.140	77	78431	42.245	ng	99
25) Isophorone	9.663	82	139105	43.021	ng	97
26) 2-Nitrophenol	9.851	139	40762	46.715	ng	95
27) 2,4-Dimethylphenol	9.916	122	52986	37.886	ng	88
28) bis(2-Chloroethoxy)met...	10.145	93	76139	44.763	ng	95
29) 2,4-Dichlorophenol	10.386	162	79833	49.458	ng	97
30) 1,2,4-Trichlorobenzene	10.603	180	85977	48.275	ng	95
31) Naphthalene	10.791	128	216952	45.650	ng	98
32) Benzoic acid	10.068	122	51644m	48.463	ng	
33) 4-Chloroaniline	10.891	127	29920	13.859	ng	96
34) Hexachlorobutadiene	11.079	225	72028	45.987	ng	95
35) Caprolactam	11.661	113	24897m	48.424	ng	
36) 4-Chloro-3-methylphenol	12.025	107	89197	47.380	ng	96
37) 2-Methylnaphthalene	12.401	142	160677	43.000	ng	99
38) 1-Methylnaphthalene	12.612	142	149837	42.971	ng	100
40) 1,2,4,5-Tetrachloroben...	12.765	216	130083	49.353	ng	97
41) Hexachlorocyclopentadiene	12.748	237	168710	108.782	ng	100
43) 2,4,6-Trichlorophenol	13.006	196	87328	50.402	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	96458	47.064	ng	97
46) 1,1'-Biphenyl	13.406	154	239668	47.973	ng	96
47) 2-Chloronaphthalene	13.447	162	187146	48.856	ng	97
48) 2-Nitroaniline	13.646	65	71755	46.414	ng	94
49) Acenaphthylene	14.293	152	320038	49.608	ng	98
50) Dimethylphthalate	14.034	163	287039	46.932	ng	100
51) 2,6-Dinitrotoluene	14.146	165	60666	47.538	ng	94
52) Acenaphthene	14.639	154	178937	45.648	ng	99
53) 3-Nitroaniline	14.475	138	29230	23.229	ng	99
54) 2,4-Dinitrophenol	14.686	184	82772	98.198	ng	97
55) Dibenzofuran	14.974	168	314897	46.520	ng	98
56) 4-Nitrophenol	14.798	139	95815	106.283	ng	99
57) 2,4-Dinitrotoluene	14.939	165	90756	49.379	ng	# 93
58) Fluorene	15.626	166	271438	47.509	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	104501	50.519	ng	# 99
60) Diethylphthalate	15.397	149	281571	46.748	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	160544	45.561	ng	99
62) 4-Nitroaniline	15.638	138	60991	44.950	ng	97
63) Azobenzene	15.909	77	227821	46.503	ng	96
65) 4,6-Dinitro-2-methylph...	15.703	198	62523	50.404	ng	95
66) n-Nitrosodiphenylamine	15.832	169	258545	46.713	ng	99
67) 4-Bromophenyl-phenylether	16.514	248	121876	45.969	ng	98
68) Hexachlorobenzene	16.631	284	147053	50.214	ng	99
69) Atrazine	16.784	200	112143	54.137	ng	95
70) Pentachlorophenol	16.972	266	188889	98.363	ng	97
71) Phenanthrene	17.366	178	482456	47.050	ng	98
72) Anthracene	17.454	178	496505	47.013	ng	99
73) Carbazole	17.724	167	417719	47.625	ng	98
74) Di-n-butylphthalate	18.294	149	494089	46.399	ng	99
75) Fluoranthene	19.375	202	640127	47.038	ng	98
77) Benzidine	19.551	184	159168	42.787	ng	99
78) Pyrene	19.739	202	656511	48.025	ng	100
80) Butylbenzylphthalate	20.632	149	208464	45.752	ng	98
81) Benzo(a)anthracene	21.561	228	685188	48.542	ng	98
82) 3,3'-Dichlorobenzidine	21.478	252	157199	30.816	ng	# 98
83) Chrysene	21.631	228	642259	47.791	ng	100
84) Bis(2-ethylhexyl)phtha...	21.490	149	298592	45.074	ng	97
85) Di-n-octyl phthalate	22.677	149	511851	46.540	ng	97
87) Indeno(1,2,3-cd)pyrene	28.265	276	846986	50.036	ng	99
88) Benzo(b)fluoranthene	23.723	252	673277	48.689	ng	100
89) Benzo(k)fluoranthene	23.788	252	682773	48.912	ng	98
90) Benzo(a)pyrene	24.569	252	628590	46.964	ng	100
91) Dibenzo(a,h)anthracene	28.329	278	682312	49.336	ng	99
92) Benzo(g,h,i)perylene	29.369	276	641588	46.788	ng	94

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

