

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060979.D
 Acq On : 20 Apr 2024 23:06
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG042024

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/24/2024

Supervised By :mohammad ahmed 04/24/2024

Quant Time: Apr 22 04:24:12 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	20765	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	80002	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	73749	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	191966	20.000	ng	0.00
76) Chrysene-d12	21.578	240	194023	20.000	ng	# 0.00
86) Perylene-d12	24.698	264	233639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	78685	76.648	ng	0.00
7) Phenol-d6	7.107	99	118660	77.904	ng	0.00
23) Nitrobenzene-d5	9.093	82	139086	78.111	ng	0.00
42) 2,4,6-Tribromophenol	16.061	330	125420	77.445	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	412581	77.427	ng	0.00
79) Terphenyl-d14	19.939	244	953187	76.257	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.447	88	13560	38.167	ng	96
3) Pyridine	3.834	79	42140	38.372	ng	92
4) n-Nitrosodimethylamine	3.752	42	37411	37.876	ng	# 95
6) Aniline	7.266	93	70157	38.324	ng	97
8) 2-Chlorophenol	7.507	128	48569	37.971	ng	92
9) Benzaldehyde	7.078	77	30777	39.283	ng	96
10) Phenol	7.131	94	58697	38.788	ng	95
11) bis(2-Chloroethyl)ether	7.360	93	41708	38.523	ng	98
12) 1,3-Dichlorobenzene	7.830	146	53947	38.032	ng	96
13) 1,4-Dichlorobenzene	7.977	146	54673	37.420	ng	94
14) 1,2-Dichlorobenzene	8.294	146	54025	37.835	ng	97
15) Benzyl Alcohol	8.171	79	56177	39.063	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.464	45	88362	37.491	ng	96
17) 2-Methylphenol	8.376	107	47322	38.728	ng	93
18) Hexachloroethane	9.023	117	19154	36.382	ng	89
19) n-Nitroso-di-n-propyla...	8.741	70	44595	39.286	ng	97
20) 3+4-Methylphenols	8.705	107	65985	38.613	ng	97
22) Acetophenone	8.758	105	87269	39.065	ng	95
24) Nitrobenzene	9.140	77	65740	38.421	ng	99
25) Isophorone	9.657	82	115529	38.769	ng	98
26) 2-Nitrophenol	9.839	139	30433	37.844	ng	95
27) 2,4-Dimethylphenol	9.910	122	49439	38.356	ng	96
28) bis(2-Chloroethoxy)met...	10.145	93	60358	38.503	ng	97
29) 2,4-Dichlorophenol	10.386	162	57304	38.520	ng	96
30) 1,2,4-Trichlorobenzene	10.597	180	62971	38.365	ng	97
31) Naphthalene	10.785	128	167029	38.135	ng	98
32) Benzoic acid	10.045	122	41644m	42.403	ng	
33) 4-Chloroaniline	10.891	127	78435	39.422	ng	99
34) Hexachlorobutadiene	11.079	225	55596	38.515	ng	98
35) Caprolactam	11.655	113	19007	40.113	ng	91
36) 4-Chloro-3-methylphenol	12.019	107	66041	38.064	ng	99
37) 2-Methylnaphthalene	12.395	142	137385	39.894	ng	98
38) 1-Methylnaphthalene	12.612	142	127460	39.663	ng	99
40) 1,2,4,5-Tetrachloroben...	12.759	216	100871	38.488	ng	99
41) Hexachlorocyclopentadiene	12.748	237	57157	37.064	ng	99
43) 2,4,6-Trichlorophenol	13.000	196	67651	39.268	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042024\
 Data File : BG060979.D
 Acq On : 20 Apr 2024 23:06
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG042024

Quant Time: Apr 22 04:24:12 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/24/2024
 Supervised By :mohammad ahmed 04/24/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.071	196	80047	39.279	ng	96
46) 1,1'-Biphenyl	13.406	154	193768	39.006	ng	99
47) 2-Chloronaphthalene	13.447	162	146661	38.505	ng	96
48) 2-Nitroaniline	13.641	65	60102	39.098	ng	95
49) Acenaphthylene	14.293	152	246529	38.432	ng	99
50) Dimethylphthalate	14.028	163	232079	38.162	ng	97
51) 2,6-Dinitrotoluene	14.140	165	48327	38.085	ng	97
52) Acenaphthene	14.634	154	149152	38.266	ng	98
53) 3-Nitroaniline	14.469	138	47069	37.618	ng	99
54) 2,4-Dinitrophenol	14.675	184	29374	38.625	ng	98
55) Dibenzofuran	14.969	168	257939	38.323	ng	97
56) 4-Nitrophenol	14.780	139	34624	38.625	ng	89
57) 2,4-Dinitrotoluene	14.927	165	72268	39.544	ng	98
58) Fluorene	15.621	166	217022	38.201	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.198	232	77012	37.442	ng	99
60) Diethylphthalate	15.392	149	231156	38.597	ng	98
61) 4-Chlorophenyl-phenyle...	15.615	204	133440	38.085	ng	100
62) 4-Nitroaniline	15.632	138	50815	37.664	ng	96
63) Azobenzene	15.909	77	186625	38.311	ng	97
65) 4,6-Dinitro-2-methylph...	15.697	198	45467	38.358	ng	98
66) n-Nitrosodiphenylamine	15.826	169	204121	38.595	ng	99
67) 4-Bromophenyl-phenylether	16.508	248	98398	38.839	ng	99
68) Hexachlorobenzene	16.625	284	106712	38.133	ng	98
69) Atrazine	16.778	200	78042	39.427	ng	96
70) Pentachlorophenol	16.966	266	72644	39.588	ng	91
71) Phenanthrene	17.360	178	375069	38.278	ng	98
72) Anthracene	17.448	178	383082	37.960	ng	99
73) Carbazole	17.718	167	315225	37.611	ng	99
74) Di-n-butylphthalate	18.288	149	388047	38.135	ng	100
75) Fluoranthene	19.369	202	491695	37.811	ng	97
77) Benzidine	19.551	184	145233	40.398	ng	99
78) Pyrene	19.733	202	502869	38.065	ng	99
80) Butylbenzylphthalate	20.632	149	171131	38.864	ng	99
81) Benzo(a)anthracene	21.555	228	528765	38.763	ng	99
82) 3,3'-Dichlorobenzidine	21.479	252	191308	38.806	ng	100
83) Chrysene	21.625	228	496211	38.207	ng	99
84) Bis(2-ethylhexyl)phtha...	21.484	149	243090	37.972	ng	99
85) Di-n-octyl phthalate	22.671	149	409376	38.516	ng	98
87) Indeno(1,2,3-cd)pyrene	28.247	276	625518	38.594	ng	99
88) Benzo(b)fluoranthene	23.711	252	503912	38.059	ng	100
89) Benzo(k)fluoranthene	23.782	252	501760	37.541	ng	98
90) Benzo(a)pyrene	24.551	252	488959	38.154	ng	99
91) Dibenzo(a,h)anthracene	28.306	278	514405	38.847	ng	98
92) Benzo(g,h,i)perylene	29.346	276	503270	38.331	ng	98

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

