

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
 Data File : BG062612.D
 Acq On : 30 Aug 2024 10:47
 Operator : MA/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 16:47:20 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Aug 30 13:01:59 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	63940	20.000	ng	0.00
21) Naphthalene-d8	10.715	136	312785	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	237129	20.000	ng	0.00
64) Phenanthrene-d10	17.289	188	602618	20.000	ng	0.00
76) Chrysene-d12	21.537	240	568244	20.000	ng	0.00
86) Perylene-d12	24.610	264	658087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.503	112	349358	94.445	ng	0.00
7) Phenol-d6	7.090	99	526502	98.525	ng	0.00
23) Nitrobenzene-d5	9.081	82	545960	94.005	ng	0.00
42) 2,4,6-Tribromophenol	16.038	330	327520	98.144	ng	0.00
45) 2-Fluorobiphenyl	13.171	172	1414319	96.610	ng	0.00
79) Terphenyl-d14	19.910	244	2546282	88.850	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.406	88	66924	44.058	ng	96
3) Pyridine	3.799	79	212074m	47.766	ng	
4) n-Nitrosodimethylamine	3.717	42	101452	47.000	ng	# 91
6) Aniline	7.248	93	242280	48.527	ng	97
8) 2-Chlorophenol	7.489	128	191405	48.196	ng	94
9) Benzaldehyde	7.060	77	132996	42.553	ng	94
10) Phenol	7.119	94	263806	48.764	ng	98
11) bis(2-Chloroethyl)ether	7.348	93	195106	47.105	ng	98
12) 1,3-Dichlorobenzene	7.812	146	208094	47.748	ng	99
13) 1,4-Dichlorobenzene	7.959	146	213242	47.545	ng	99
14) 1,2-Dichlorobenzene	8.276	146	206503	46.841	ng	96
15) Benzyl Alcohol	8.159	79	197631	49.983	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.453	45	383052m	48.655	ng	
17) 2-Methylphenol	8.365	107	178392	47.307	ng	99
18) Hexachloroethane	9.005	117	80463	47.846	ng	97
19) n-Nitroso-di-n-propyla...	8.729	70	207626	49.308	ng	98
20) 3+4-Methylphenols	8.694	107	279817	50.297	ng	95
22) Acetophenone	8.741	105	381611	45.225	ng	99
24) Nitrobenzene	9.123	77	287308	46.526	ng	98
25) Isophorone	9.645	82	562463	44.119	ng	98
26) 2-Nitrophenol	9.828	139	113902	48.817	ng	94
27) 2,4-Dimethylphenol	9.892	122	158899	46.478	ng	98
28) bis(2-Chloroethoxy)met...	10.127	93	313813	45.982	ng	98
29) 2,4-Dichlorophenol	10.362	162	222827	46.616	ng	100
30) 1,2,4-Trichlorobenzene	10.580	180	265023	46.770	ng	99
31) Naphthalene	10.768	128	699519	45.121	ng	99
32) Benzoic acid	10.045	122	179354	49.674	ng	100
33) 4-Chloroaniline	10.873	127	280456	45.968	ng	96
34) Hexachlorobutadiene	11.056	225	175409	44.320	ng	94
35) Caprolactam	11.649	113	82375	44.724	ng	96
36) 4-Chloro-3-methylphenol	12.001	107	261535	45.359	ng	99
37) 2-Methylnaphthalene	12.372	142	540725	44.968	ng	98
38) 1-Methylnaphthalene	12.595	142	539731	44.701	ng	98
40) 1,2,4,5-Tetrachloroben...	12.742	216	347827	48.775	ng	99
41) Hexachlorocyclopentadiene	12.724	237	105261	51.734	ng	96
43) 2,4,6-Trichlorophenol	12.983	196	224684	49.700	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.053	196	256591	50.119	ng	98
46) 1,1'-Biphenyl	13.382	154	761470	48.134	ng	99
47) 2-Chloronaphthalene	13.423	162	617827	48.188	ng	100
48) 2-Nitroaniline	13.623	65	179125	53.118	ng	92
49) Acenaphthylene	14.269	152	933674	49.175	ng	99
50) Dimethylphthalate	14.005	163	831073	47.929	ng	100
51) 2,6-Dinitrotoluene	14.123	165	170704	52.048	ng	96
52) Acenaphthene	14.616	154	572032	48.195	ng	96
53) 3-Nitroaniline	14.452	138	164327	51.781	ng	99
54) 2,4-Dinitrophenol	14.657	184	95603	51.943	ng	99
55) Dibenzofuran	14.951	168	973330	47.817	ng	98
56) 4-Nitrophenol	14.763	139	140740	52.330	ng	98
57) 2,4-Dinitrotoluene	14.910	165	235290	52.580	ng	98
58) Fluorene	15.597	166	751818	47.063	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.174	232	237096	48.886	ng	99
60) Diethylphthalate	15.374	149	808605	47.051	ng	99
61) 4-Chlorophenyl-phenyle...	15.591	204	433600	47.281	ng	98
62) 4-Nitroaniline	15.615	138	177774	50.804	ng	97
63) Azobenzene	15.885	77	765691	47.448	ng	99
65) 4,6-Dinitro-2-methylph...	15.674	198	137008	50.946	ng	98
66) n-Nitrosodiphenylamine	15.803	169	680324	46.956	ng	97
67) 4-Bromophenyl-phenylether	16.484	248	299030	48.080	ng	97
68) Hexachlorobenzene	16.602	284	354298	48.102	ng	97
69) Atrazine	16.749	200	185670	37.730	ng	97
70) Pentachlorophenol	16.943	266	233842	49.568	ng	97
71) Phenanthrene	17.336	178	1329328	47.261	ng	99
72) Anthracene	17.425	178	1310111	47.372	ng	99
73) Carbazole	17.695	167	1193984	46.964	ng	99
74) Di-n-butylphthalate	18.259	149	1375790	47.984	ng	99
75) Fluoranthene	19.346	202	1652539	46.453	ng	98
77) Benzidine	19.528	184	477136	46.586	ng	99
78) Pyrene	19.710	202	1719216	47.596	ng	98
80) Butylbenzylphthalate	20.603	149	528229	49.787	ng	98
81) Benzo(a)anthracene	21.520	228	1720612	48.008	ng	99
82) 3,3'-Dichlorobenzidine	21.437	252	557200	47.723	ng	97
83) Chrysene	21.584	228	1636629	47.673	ng	99
84) Bis(2-ethylhexyl)phtha...	21.437	149	801460	49.723	ng	97
85) Di-n-octyl phthalate	22.601	149	1419110	50.284	ng	100
87) Indeno(1,2,3-cd)pyrene	28.089	276	2044912	48.460	ng	100
88) Benzo(b)fluoranthene	23.641	252	1758482	48.378	ng	100
89) Benzo(k)fluoranthene	23.705	252	1676407	47.148	ng	100
90) Benzo(a)pyrene	24.469	252	1547704	48.197	ng	99
91) Dibenzo(a,h)anthracene	28.147	278	1687159	48.535	ng	99
92) Benzo(g,h,i)perylene	29.175	276	1688720	48.177	ng	100

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

