

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083024\
 Data File : BG062613.D
 Acq On : 30 Aug 2024 11:27
 Operator : MA/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/02/2024

Supervised By :mohammad ahmed 09/02/2024

Quant Time: Aug 30 16:48:13 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	7.925	152	65119	20.000	ng	0.00
21) Naphthalene-d8	10.721	136	289755	20.000	ng	0.00
39) Acenaphthene-d10	14.552	164	233438	20.000	ng	0.00
64) Phenanthrene-d10	17.290	188	565965	20.000	ng	0.00
76) Chrysene-d12	21.538	240	545609	20.000	ng	0.00
86) Perylene-d12	24.611	264	632337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	450165	119.493	ng	0.00
7) Phenol-d6	7.096	99	661709	121.584	ng	0.00
23) Nitrobenzene-d5	9.082	82	686115	127.527	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	389771	118.644	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	1703397	118.196	ng	0.00
79) Terphenyl-d14	19.911	244	2905484	105.590	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.412	88	85782	55.450	ng	97
3) Pyridine	3.806	79	267370m	59.131	ng	
4) n-Nitrosodimethylamine	3.718	42	129234	58.787	ng	94
6) Aniline	7.249	93	299001	58.804	ng	95
8) 2-Chlorophenol	7.490	128	244319	60.406	ng	95
9) Benzaldehyde	7.061	77	163413	51.338	ng	97
10) Phenol	7.120	94	337418	61.242	ng	98
11) bis(2-Chloroethyl)ether	7.349	93	250060	59.280	ng	99
12) 1,3-Dichlorobenzene	7.813	146	261501	58.917	ng	99
13) 1,4-Dichlorobenzene	7.960	146	268140	58.703	ng	98
14) 1,2-Dichlorobenzene	8.277	146	265651	59.167	ng	99
15) Benzyl Alcohol	8.160	79	249447	61.946	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.453	45	482903	60.228	ng	99
17) 2-Methylphenol	8.365	107	231536	60.288	ng	98
18) Hexachloroethane	9.006	117	104379	60.943	ng	97
19) n-Nitroso-di-n-propyla...	8.730	70	261662	61.015	ng	97
20) 3+4-Methylphenols	8.694	107	347265	61.291	ng	98
22) Acetophenone	8.741	105	479043	61.284	ng	99
24) Nitrobenzene	9.123	77	363916	63.616	ng	99
25) Isophorone	9.646	82	697163	59.031	ng	98
26) 2-Nitrophenol	9.834	139	147342	68.168	ng	92
27) 2,4-Dimethylphenol	9.893	122	200065	63.170	ng	96
28) bis(2-Chloroethoxy)met...	10.128	93	397893	62.935	ng	99
29) 2,4-Dichlorophenol	10.369	162	295785	66.797	ng	99
30) 1,2,4-Trichlorobenzene	10.580	180	338592	64.502	ng	99
31) Naphthalene	10.768	128	870341	60.601	ng	98
32) Benzoic acid	10.057	122	228003	68.167	ng	97
33) 4-Chloroaniline	10.874	127	344511	60.955	ng	98
34) Hexachlorobutadiene	11.056	225	223382	60.928	ng	98
35) Caprolactam	11.656	113	98341	57.636	ng	# 84
36) 4-Chloro-3-methylphenol	12.002	107	322579	60.393	ng	98
37) 2-Methylnaphthalene	12.372	142	666651	59.847	ng	98
38) 1-Methylnaphthalene	12.596	142	667413	59.669	ng	99
40) 1,2,4,5-Tetrachloroben...	12.742	216	429048	61.116	ng	100
41) Hexachlorocyclopentadiene	12.725	237	136541	68.169	ng	98
43) 2,4,6-Trichlorophenol	12.983	196	278948	62.679	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.054	196	315977	62.694	ng	100
46) 1,1'-Biphenyl	13.383	154	929869	59.708	ng	98
47) 2-Chloronaphthalene	13.430	162	761878	60.363	ng	99
48) 2-Nitroaniline	13.630	65	219191	66.027	ng	98
49) Acenaphthylene	14.276	152	1127612	60.328	ng	99
50) Dimethylphthalate	14.012	163	994356	58.253	ng	99
51) 2,6-Dinitrotoluene	14.123	165	209051	64.748	ng	98
52) Acenaphthene	14.617	154	697282	59.676	ng	99
53) 3-Nitroaniline	14.452	138	200216	64.088	ng	98
54) 2,4-Dinitrophenol	14.658	184	118942	65.645	ng	100
55) Dibenzofuran	14.952	168	1178787	58.827	ng	98
56) 4-Nitrophenol	14.770	139	169001	63.831	ng	95
57) 2,4-Dinitrotoluene	14.911	165	284897	64.672	ng	99
58) Fluorene	15.598	166	900095	57.236	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	285796	59.859	ng	98
60) Diethylphthalate	15.375	149	959187	56.695	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	520261	57.627	ng	99
62) 4-Nitroaniline	15.621	138	210693	61.164	ng	98
63) Azobenzene	15.886	77	909486	57.250	ng	99
65) 4,6-Dinitro-2-methylph...	15.680	198	165993	65.721	ng	93
66) n-Nitrosodiphenylamine	15.809	169	818850	60.178	ng	99
67) 4-Bromophenyl-phenylether	16.485	248	353510	60.520	ng	100
68) Hexachlorobenzene	16.603	284	421835	60.980	ng	98
70) Pentachlorophenol	16.943	266	282113	63.673	ng	97
71) Phenanthrene	17.337	178	1550062	58.677	ng	99
72) Anthracene	17.425	178	1541654	59.355	ng	99
73) Carbazole	17.695	167	1399255	58.602	ng	100
74) Di-n-butylphthalate	18.260	149	1608085	59.718	ng	99
75) Fluoranthene	19.346	202	1909777	57.161	ng	98
77) Benzidine	19.529	184	616608	62.702	ng	98
78) Pyrene	19.711	202	1990635	57.396	ng	98
80) Butylbenzylphthalate	20.604	149	641763	62.997	ng	99
81) Benzo(a)anthracene	21.520	228	2031682	59.039	ng	98
82) 3,3'-Dichlorobenzidine	21.438	252	665742	59.385	ng	98
83) Chrysene	21.585	228	1949896	59.155	ng	98
84) Bis(2-ethylhexyl)phtha...	21.438	149	965057	62.356	ng	98
85) Di-n-octyl phthalate	22.602	149	1722352	63.560	ng	100
87) Indeno(1,2,3-cd)pyrene	28.089	276	2472045	60.968	ng	99
88) Benzo(b)fluoranthene	23.647	252	2116838	60.608	ng	99
89) Benzo(k)fluoranthene	23.712	252	2036093	59.596	ng	99
90) Benzo(a)pyrene	24.476	252	1852912	60.052	ng	100
91) Dibenzo(a,h)anthracene	28.154	278	2042817	61.159	ng	99
92) Benzo(g,h,i)perylene	29.182	276	2069081	61.432	ng	99

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

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