

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
 Data File : BG060122.D
 Acq On : 21 Dec 2023 14:46
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/22/2023

Supervised By :mohammad ahmed 12/22/2023

Quant Time: Dec 22 03:33:06 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 22 03:23:04 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	100391	20.000	ng	# 0.00
21) Naphthalene-d8	10.749	136	491495	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	403948	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	1127203	20.000	ng	0.00
76) Chrysene-d12	21.595	240	1237488	20.000	ng	0.00
86) Perylene-d12	24.774	264	979258	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	121681	19.099	ng	0.00
7) Phenol-d6	7.106	99	193878	18.082	ng	0.00
23) Nitrobenzene-d5	9.104	82	188413	18.779	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	108934	20.029	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	566581	21.061	ng	0.00
79) Terphenyl-d14	19.950	244	1474724	21.564	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.423	88	31788m	11.915	ng	
3) Pyridine	3.816	79	90112m	10.515	ng	
4) n-Nitrosodimethylamine	3.734	42	37862	9.740	ng	# 91
6) Aniline	7.271	93	105560	9.428	ng	91
8) 2-Chlorophenol	7.512	128	66658	9.442	ng	98
9) Benzaldehyde	7.083	77	66010	11.097	ng	98
10) Phenol	7.130	94	91261	8.518	ng	96
11) bis(2-Chloroethyl)ether	7.365	93	79573	9.461	ng	98
12) 1,3-Dichlorobenzene	7.835	146	80435	10.194	ng	97
13) 1,4-Dichlorobenzene	7.982	146	82438	10.101	ng	97
14) 1,2-Dichlorobenzene	8.299	146	80498	9.795	ng	96
15) Benzyl Alcohol	8.182	79	72445	9.204	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.475	45	155430	9.934	ng	96
17) 2-Methylphenol	8.381	107	67847	9.127	ng	89
18) Hexachloroethane	9.022	117	26527	9.794	ng	83
19) n-Nitroso-di-n-propyla...	8.746	70	86487	10.373	ng	# 99
20) 3+4-Methylphenols	8.716	107	93411	8.753	ng	94
22) Acetophenone	8.763	105	141041	10.061	ng	# 99
24) Nitrobenzene	9.145	77	98573	9.508	ng	96
25) Isophorone	9.668	82	252778	10.338	ng	97
26) 2-Nitrophenol	9.862	139	37252	9.071	ng	95
27) 2,4-Dimethylphenol	9.915	122	52074	9.212	ng	89
28) bis(2-Chloroethoxy)met...	10.150	93	126557	9.857	ng	97
29) 2,4-Dichlorophenol	10.391	162	77655	9.208	ng	95
30) 1,2,4-Trichlorobenzene	10.608	180	89042	9.836	ng	99
31) Naphthalene	10.796	128	261494	9.994	ng	100
32) Benzoic acid	9.991	122	34079m	10.366	ng	
33) 4-Chloroaniline	10.908	127	108796	9.621	ng	93
34) Hexachlorobutadiene	11.084	225	50811	10.053	ng	92
35) Caprolactam	11.648	113	47573	10.799	ng	90
36) 4-Chloro-3-methylphenol	12.024	107	91181	9.019	ng	92
37) 2-Methylnaphthalene	12.406	142	196834	9.693	ng	97
38) 1-Methylnaphthalene	12.624	142	200961	9.859	ng	94
40) 1,2,4,5-Tetrachloroben...	12.770	216	104027	9.834	ng	98
41) Hexachlorocyclopentadiene	12.753	237	32952	9.208	ng	89
43) 2,4,6-Trichlorophenol	13.011	196	74284m	9.414	ng	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	82129	9.177	ng	99
46) 1,1'-Biphenyl	13.417	154	290903	9.911	ng	100
47) 2-Chloronaphthalene	13.458	162	231540	9.621	ng	98
48) 2-Nitroaniline	13.658	65	71621	9.121	ng	94
49) Acenaphthylene	14.304	152	371623	9.879	ng	99
50) Dimethylphthalate	14.034	163	376334	10.592	ng	97
51) 2,6-Dinitrotoluene	14.151	165	66642	9.377	ng	94
52) Acenaphthene	14.645	154	228166	9.862	ng	96
53) 3-Nitroaniline	14.486	138	72221	9.565	ng	# 99
54) 2,4-Dinitrophenol	14.686	184	23460	11.209	ng	88
55) Dibenzofuran	14.980	168	393995	10.112	ng	95
56) 4-Nitrophenol	14.792	139	54074m	8.626	ng	
57) 2,4-Dinitrotoluene	14.938	165	97580	9.353	ng	# 95
58) Fluorene	15.626	166	341934	10.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	77730	9.672	ng	97
60) Diethylphthalate	15.397	149	423966	11.047	ng	99
61) 4-Chlorophenyl-phenyle...	15.620	204	158609	10.092	ng	97
62) 4-Nitroaniline	15.644	138	85479	9.644	ng	91
63) Azobenzene	15.914	77	357290	10.429	ng	98
65) 4,6-Dinitro-2-methylph...	15.702	198	51751	8.484	ng	92
66) n-Nitrosodiphenylamine	15.837	169	295569	9.941	ng	98
67) 4-Bromophenyl-phenylether	16.519	248	104161	9.809	ng	95
68) Hexachlorobenzene	16.631	284	122102	10.042	ng	94
69) Atrazine	16.783	200	134974	12.199	ng	98
70) Pentachlorophenol	16.977	266	67817	9.009	ng	96
71) Phenanthrene	17.371	178	590754	10.401	ng	99
72) Anthracene	17.465	178	603949	10.563	ng	97
73) Carbazole	17.729	167	662420	10.913	ng	96
74) Di-n-butylphthalate	18.293	149	859688	11.945	ng	# 95
75) Fluoranthene	19.386	202	854228	11.457	ng	92
77) Benzidine	19.568	184	298662	8.926	ng	98
78) Pyrene	19.745	202	900939	9.537	ng	94
80) Butylbenzylphthalate	20.638	149	274409	8.667	ng	95
81) Benzo(a)anthracene	21.578	228	855432	10.404	ng	95
82) 3,3'-Dichlorobenzidine	21.496	252	235515	9.662	ng	99
83) Chrysene	21.642	228	806835	10.452	ng	96
84) Bis(2-ethylhexyl)phtha...	21.484	149	357789	8.479	ng	98
85) Di-n-octyl phthalate	22.682	149	607659	8.642	ng	# 97
87) Indeno(1,2,3-cd)pyrene	28.382	276	647819	9.478	ng	98
88) Benzo(b)fluoranthene	23.763	252	628340	10.147	ng	100
89) Benzo(k)fluoranthene	23.828	252	626577	10.325	ng	98
90) Benzo(a)pyrene	24.621	252	542824	9.950	ng	98
91) Dibenzo(a,h)anthracene	28.452	278	545283	9.661	ng	98
92) Benzo(g,h,i)perylene	29.521	276	535390	9.390	ng	99

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

