

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
 Data File : BG060179.D
 Acq On : 29 Dec 2023 13:56
 Operator : MA/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC020

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/01/2024

Supervised By :mohammad ahmed 01/01/2024

Quant Time: Dec 30 03:02:52 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Dec 30 02:56:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	228499	20.000	ng	0.00
21) Naphthalene-d8	10.747	136	874323	20.000	ng	0.00
39) Acenaphthene-d10	14.578	164	672405	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	1662868	20.000	ng	0.00
76) Chrysene-d12	21.593	240	1486914	20.000	ng	0.00
86) Perylene-d12	24.766	264	1622071	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.512	112	588313	38.861	ng	0.00
7) Phenol-d6	7.098	99	913953	40.660	ng	0.00
23) Nitrobenzene-d5	9.102	82	818023	43.216	ng	0.00
42) 2,4,6-Tribromophenol	16.064	330	372843	41.423	ng	0.00
45) 2-Fluorobiphenyl	13.197	172	2053917	43.901	ng	0.00
79) Terphenyl-d14	19.942	244	3296606	42.623	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.420	88	133284	19.788	ng	97
3) Pyridine	3.814	79	373303m	19.562	ng	
4) n-Nitrosodimethylamine	3.731	42	138285	19.465	ng	97
6) Aniline	7.268	93	444557	19.740	ng	98
8) 2-Chlorophenol	7.503	128	296006	20.345	ng	98
9) Benzaldehyde	7.080	77	299386m	22.199	ng	
10) Phenol	7.127	94	456051	20.119	ng	97
11) bis(2-Chloroethyl)ether	7.357	93	370673	20.208	ng	98
12) 1,3-Dichlorobenzene	7.833	146	363706	20.250	ng	98
13) 1,4-Dichlorobenzene	7.979	146	362675	19.973	ng	96
14) 1,2-Dichlorobenzene	8.291	146	367106	20.680	ng	99
15) Benzyl Alcohol	8.173	79	278483	20.020	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.461	45	493181	20.950	ng	95
17) 2-Methylphenol	8.379	107	295443	20.816	ng	96
18) Hexachloroethane	9.025	117	118269	20.681	ng	94
19) n-Nitroso-di-n-propyla...	8.737	70	321196	20.917	ng	95
20) 3+4-Methylphenols	8.708	107	412413	20.502	ng	99
22) Acetophenone	8.761	105	576278	22.246	ng	# 98
24) Nitrobenzene	9.143	77	390793	20.178	ng	99
25) Isophorone	9.660	82	814596	20.569	ng	99
26) 2-Nitrophenol	9.854	139	127108	18.808	ng	94
27) 2,4-Dimethylphenol	9.912	122	189094	19.753	ng	98
28) bis(2-Chloroethoxy)met...	10.147	93	480981	20.736	ng	99
29) 2,4-Dichlorophenol	10.388	162	305896	20.219	ng	99
30) 1,2,4-Trichlorobenzene	10.606	180	367309	19.947	ng	95
31) Naphthalene	10.794	128	931600	20.183	ng	98
32) Benzoic acid	10.018	122	100366m	19.400	ng	
33) 4-Chloroaniline	10.900	127	357325	19.822	ng	97
34) Hexachlorobutadiene	11.076	225	222530	20.319	ng	99
35) Caprolactam	11.657	113	99425	19.756	ng	100
36) 4-Chloro-3-methylphenol	12.022	107	315408	20.257	ng	98
37) 2-Methylnaphthalene	12.398	142	688243	20.643	ng	98
38) 1-Methylnaphthalene	12.621	142	687728	20.402	ng	100
40) 1,2,4,5-Tetrachloroben...	12.768	216	430807	20.002	ng	99
41) Hexachlorocyclopentadiene	12.744	237	138979	19.963	ng	97
43) 2,4,6-Trichlorophenol	13.009	196	286722	20.258	ng	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.079	196	318328	20.105	ng	99
46) 1,1'-Biphenyl	13.408	154	1013196	20.480	ng	98
47) 2-Chloronaphthalene	13.455	162	850648	20.182	ng	97
48) 2-Nitroaniline	13.655	65	217623	19.757	ng	96
49) Acenaphthylene	14.301	152	1269847	20.910	ng	98
50) Dimethylphthalate	14.031	163	1082188	20.845	ng	99
51) 2,6-Dinitrotoluene	14.149	165	211017	19.542	ng	96
52) Acenaphthene	14.642	154	764207m	20.166	ng	
53) 3-Nitroaniline	14.484	138	197034	19.365	ng	98
54) 2,4-Dinitrophenol	14.683	184	79931	19.639	ng	98
55) Dibenzofuran	14.977	168	1326108	20.891	ng	98
56) 4-Nitrophenol	14.783	139	144166	18.745	ng	97
57) 2,4-Dinitrotoluene	14.936	165	284346	19.366	ng	93
58) Fluorene	15.623	166	1096814	21.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.200	232	283290	20.527	ng	97
60) Diethylphthalate	15.394	149	1055116	21.312	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	572370	21.113	ng	98
62) 4-Nitroaniline	15.641	138	210384	19.613	ng	95
63) Azobenzene	15.911	77	1085617	21.151	ng	97
65) 4,6-Dinitro-2-methylph...	15.700	198	151941	18.261	ng	96
66) n-Nitrosodiphenylamine	15.829	169	939018	20.956	ng	96
67) 4-Bromophenyl-phenylether	16.516	248	360838	20.467	ng	98
68) Hexachlorobenzene	16.628	284	418726	20.257	ng	98
69) Atrazine	16.781	200	344308	20.907	ng	100
70) Pentachlorophenol	16.975	266	223534	19.748	ng	96
71) Phenanthrene	17.368	178	1795290	21.842	ng	95
72) Anthracene	17.457	178	1787096	21.889	ng	97
73) Carbazole	17.727	167	1649494	21.301	ng	97
74) Di-n-butylphthalate	18.291	149	1701755	22.678	ng	98
75) Fluoranthene	19.384	202	2156861	22.371	ng	94
77) Benzidine	19.566	184	910763	22.131	ng	99
78) Pyrene	19.742	202	2252056	22.531	ng	94
80) Butylbenzylphthalate	20.635	149	576572	19.563	ng	96
81) Benzo(a)anthracene	21.569	228	2033624	21.511	ng	94
82) 3,3'-Dichlorobenzidine	21.493	252	694513	20.202	ng	99
83) Chrysene	21.634	228	1994889	21.720	ng	95
84) Bis(2-ethylhexyl)phtha...	21.481	149	909991	20.360	ng	97
85) Di-n-octyl phthalate	22.680	149	1534584	20.976	ng	100
87) Indeno(1,2,3-cd)pyrene	28.385	276	2273620	19.881	ng	# 92
88) Benzo(b)fluoranthene	23.761	252	2028857	20.814	ng	98
89) Benzo(k)fluoranthene	23.826	252	2076849	21.169	ng	97
90) Benzo(a)pyrene	24.613	252	1798873	20.398	ng	98
91) Dibenzo(a,h)anthracene	28.450	278	1884320	20.054	ng	99
92) Benzo(g,h,i)perylene	29.507	276	1900301	19.966	ng	98

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

