

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052723\
 Data File : BG057594.D
 Acq On : 26 May 2023 21:52
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2023

Supervised By :Yogesh Patel 06/01/2023

Quant Time: May 26 23:40:39 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri May 26 23:28:38 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.343	152	17317	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	70445	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	57241	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	151891	20.000	ng	0.00
76) Chrysene-d12	22.025	240	134859	20.000	ng	0.00
86) Perylene-d12	25.520	264	145612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.864	112	150843	151.331	ng	0.00
7) Phenol-d6	7.497	99	242901	155.712	ng	0.00
23) Nitrobenzene-d5	9.530	82	238701	158.398	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	142748	155.763	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	592086	148.652	ng	0.00
79) Terphenyl-d14	20.280	244	1151693	147.931	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.655	88	28641	69.351	ng	98
3) Pyridine	4.084	79	99277m	78.597	ng	
4) n-Nitrosodimethylamine	3.990	42	39775	77.860	ng	95
6) Aniline	7.662	93	144859	76.761	ng	98
8) 2-Chlorophenol	7.908	128	79981	74.741	ng	97
9) Benzaldehyde	7.474	77	74865	72.437	ng	95
10) Phenol	7.521	94	115196	78.023	ng	99
11) bis(2-Chloroethyl)ether	7.750	93	82630	74.951	ng	94
12) 1,3-Dichlorobenzene	8.237	146	85168	74.705	ng	99
13) 1,4-Dichlorobenzene	8.384	146	86368	74.462	ng	98
14) 1,2-Dichlorobenzene	8.707	146	84012	74.261	ng	96
15) Benzyl Alcohol	8.584	79	95714	79.763	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.872	45	101475m	74.126	ng	
17) 2-Methylphenol	8.790	107	84837	78.246	ng	97
18) Hexachloroethane	9.442	117	30238	76.138	ng	98
19) n-Nitroso-di-n-propyla...	9.154	70	84403	77.880	ng	99
20) 3+4-Methylphenols	9.124	107	119829	78.728	ng	98
22) Acetophenone	9.177	105	145965	77.489	ng	# 98
24) Nitrobenzene	9.577	77	122526	80.099	ng	98
25) Isophorone	10.094	82	235211	79.409	ng	98
26) 2-Nitrophenol	10.293	139	54136	82.540	ng	98
27) 2,4-Dimethylphenol	10.335	122	91059	80.303	ng	96
28) bis(2-Chloroethoxy)met...	10.564	93	119969	78.109	ng	99
29) 2,4-Dichlorophenol	10.834	162	95379	80.085	ng	97
30) 1,2,4-Trichlorobenzene	11.045	180	100401	77.351	ng	98
31) Naphthalene	11.239	128	286987	77.013	ng	98
32) Benzoic acid	10.523	122	57109m	81.084	ng	
33) 4-Chloroaniline	11.345	127	136252	79.508	ng	99
34) Hexachlorobutadiene	11.504	225	69002	76.858	ng	94
35) Caprolactam	12.138	113	38889	78.767	ng	97
36) 4-Chloro-3-methylphenol	12.449	107	115033	81.599	ng	99
37) 2-Methylnaphthalene	12.819	142	230516	78.816	ng	98
38) 1-Methylnaphthalene	13.037	142	216510	77.752	ng	97
40) 1,2,4,5-Tetrachloroben...	13.184	216	144082	76.687	ng	100
41) Hexachlorocyclopentadiene	13.148	237	37801	79.651	ng	93
43) 2,4,6-Trichlorophenol	13.419	196	95561	80.790	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.501	196	112015	79.513	ng	97
46) 1,1'-Biphenyl	13.806	154	310453	75.885	ng	99
47) 2-Chloronaphthalene	13.859	162	236363	76.704	ng	96
48) 2-Nitroaniline	14.059	65	87014	80.613	ng	98
49) Acenaphthylene	14.699	152	399849	76.627	ng	100
50) Dimethylphthalate	14.411	163	354120	75.061	ng	99
51) 2,6-Dinitrotoluene	14.541	165	80681	79.891	ng	93
52) Acenaphthene	15.034	154	245091	76.761	ng	96
53) 3-Nitroaniline	14.875	138	82212	78.048	ng #	99
54) 2,4-Dinitrophenol	15.093	184	48835	80.111	ng	96
55) Dibenzofuran	15.363	168	414501	75.974	ng	99
56) 4-Nitrophenol	15.187	139	57368	81.742	ng	98
57) 2,4-Dinitrotoluene	15.334	165	117895	77.968	ng #	97
58) Fluorene	16.009	166	347541	75.446	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.592	232	107677	81.587	ng	99
60) Diethylphthalate	15.751	149	366210	74.371	ng	100
61) 4-Chlorophenyl-phenyle...	15.986	204	196688	76.615	ng	98
62) 4-Nitroaniline	16.044	138	85851	75.556	ng	97
63) Azobenzene	16.285	77	332165	75.851	ng	98
65) 4,6-Dinitro-2-methylph...	16.097	198	77828	84.153	ng	95
66) n-Nitrosodiphenylamine	16.203	169	308390	78.116	ng	98
67) 4-Bromophenyl-phenylether	16.879	248	135384	79.460	ng	98
68) Hexachlorobenzene	17.020	284	138843	79.055	ng	96
69) Atrazine	17.137	200	123073	72.611	ng	97
70) Pentachlorophenol	17.360	266	79464	88.797	ng	98
71) Phenanthrene	17.754	178	585974	75.387	ng	98
72) Anthracene	17.848	178	598637	75.075	ng	99
73) Carbazole	18.112	167	520705	72.996	ng	99
74) Di-n-butylphthalate	18.623	149	615818	72.722	ng	100
75) Fluoranthene	19.745	202	723881	71.737	ng	99
77) Benzidine	19.910	184	309359	75.807	ng	99
78) Pyrene	20.104	202	729665	75.989	ng	98
80) Butylbenzylphthalate	20.950	149	271351	77.593	ng	97
81) Benzo(a)anthracene	22.001	228	725309	77.523	ng	98
82) 3,3'-Dichlorobenzidine	21.895	252	264435	76.644	ng	100
83) Chrysene	22.072	228	676841	76.552	ng	100
84) Bis(2-ethylhexyl)phtha...	21.837	149	383210	76.820	ng	98
85) Di-n-octyl phthalate	23.135	149	636200	76.943	ng	100
87) Indeno(1,2,3-cd)pyrene	29.597	276	792368	78.049	ng #	86
88) Benzo(b)fluoranthene	24.404	252	694927	77.534	ng	99
89) Benzo(k)fluoranthene	24.480	252	693781	76.699	ng	99
90) Benzo(a)pyrene	25.367	252	679452	77.734	ng	100
91) Dibenzo(a,h)anthracene	29.650	278	665712	78.791	ng	100
92) Benzo(g,h,i)perylene	30.883	276	647323	78.558	ng	99

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

