

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113023\
 Data File : BG059921.D
 Acq On : 30 Nov 2023 22:40
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG113023

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 03:50:38 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG113023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 01 03:37:46 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	32122	20.000	ng	0.00
21) Naphthalene-d8	10.770	136	148403	20.000	ng	0.00
39) Acenaphthene-d10	14.601	164	105837	20.000	ng	0.00
64) Phenanthrene-d10	17.350	188	240791	20.000	ng	0.00
76) Chrysene-d12	21.628	240	223057	20.000	ng	0.00
86) Perylene-d12	24.824	264	268207	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	164940	80.431	ng	0.00
7) Phenol-d6	7.115	99	236463	79.885	ng	0.00
23) Nitrobenzene-d5	9.125	82	230706	90.411	ng	0.00
42) 2,4,6-Tribromophenol	16.093	330	136857	84.257	ng	0.00
45) 2-Fluorobiphenyl	13.226	172	637252	83.749	ng	0.00
79) Terphenyl-d14	19.977	244	1083988	80.809	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.443	88	29692m	47.645	ng	
3) Pyridine	3.831	79	95082	57.966	ng	99
4) n-Nitrosodimethylamine	3.749	42	54031	57.341	ng	# 97
6) Aniline	7.286	93	125165	39.466	ng	98
8) 2-Chlorophenol	7.527	128	93974	40.682	ng	93
9) Benzaldehyde	7.098	77	69738	37.148	ng	94
10) Phenol	7.145	94	124225	40.088	ng	98
11) bis(2-Chloroethyl)ether	7.386	93	97434	40.783	ng	99
12) 1,3-Dichlorobenzene	7.856	146	101375	40.065	ng	97
13) 1,4-Dichlorobenzene	8.003	146	105435	40.436	ng	96
14) 1,2-Dichlorobenzene	8.320	146	103610	40.330	ng	99
15) Benzyl Alcohol	8.196	79	93114	40.695	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.496	45	184104	40.441	ng	98
17) 2-Methylphenol	8.396	107	88361	41.185	ng	99
18) Hexachloroethane	9.048	117	38795	41.415	ng	93
19) n-Nitroso-di-n-propyla...	8.772	70	85886	41.060	ng	96
20) 3+4-Methylphenols	8.725	107	125041	41.372	ng	99
22) Acetophenone	8.784	105	168932	41.118	ng	# 98
24) Nitrobenzene	9.166	77	122670	44.141	ng	98
25) Isophorone	9.689	82	252758	41.073	ng	99
26) 2-Nitrophenol	9.883	139	46176	51.240	ng	96
27) 2,4-Dimethylphenol	9.930	122	73808	41.364	ng	99
28) bis(2-Chloroethoxy)met...	10.176	93	144919	41.597	ng	96
29) 2,4-Dichlorophenol	10.411	162	103790	42.608	ng	97
30) 1,2,4-Trichlorobenzene	10.635	180	119261	41.992	ng	94
31) Naphthalene	10.823	128	347250	41.477	ng	99
32) Benzoic acid	10.059	122	73280m	43.900	ng	
33) 4-Chloroaniline	10.923	127	141035	41.590	ng	96
34) Hexachlorobutadiene	11.105	225	78052	40.968	ng	99
35) Caprolactam	11.698	113	35087	40.537	ng	95
36) 4-Chloro-3-methylphenol	12.039	107	122194	42.082	ng	98
37) 2-Methylnaphthalene	12.427	142	245545	41.435	ng	99
38) 1-Methylnaphthalene	12.650	142	243845	40.666	ng	97
40) 1,2,4,5-Tetrachloroben...	12.791	216	138885	42.112	ng	99
41) Hexachlorocyclopentadiene	12.779	237	53084	42.252	ng	98
43) 2,4,6-Trichlorophenol	13.032	196	95683	44.715	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.097	196	104412	43.051	ng	99
46) 1,1'-Biphenyl	13.437	154	335784	42.298	ng	98
47) 2-Chloronaphthalene	13.478	162	280208	42.687	ng	100
48) 2-Nitroaniline	13.678	65	83016	47.906	ng	98
49) Acenaphthylene	14.325	152	418866	41.543	ng	98
50) Dimethylphthalate	14.060	163	347083	40.874	ng	98
51) 2,6-Dinitrotoluene	14.172	165	70213	43.805	ng	95
52) Acenaphthene	14.665	154	265483	42.385	ng	94
53) 3-Nitroaniline	14.501	138	69084	46.600	ng	99
54) 2,4-Dinitrophenol	14.701	184	26516	42.170	ng	98
55) Dibenzofuran	15.000	168	404991	41.549	ng	99
56) 4-Nitrophenol	14.795	139	54120	44.889	ng	94
57) 2,4-Dinitrotoluene	14.959	165	92105	43.330	ng	98
58) Fluorene	15.652	166	315682	39.943	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.223	232	94808m	43.006	ng	
60) Diethylphthalate	15.429	149	345550	40.352	ng	99
61) 4-Chlorophenyl-phenyle...	15.647	204	173356	40.660	ng	98
62) 4-Nitroaniline	15.670	138	70354	44.338	ng	96
63) Azobenzene	15.940	77	331883	41.230	ng	98
65) 4,6-Dinitro-2-methylph...	15.723	198	41879	43.101	ng	97
66) n-Nitrosodiphenylamine	15.858	169	272528	42.012	ng	97
67) 4-Bromophenyl-phenylether	16.540	248	122372	42.550	ng	96
68) Hexachlorobenzene	16.651	284	144900	42.353	ng	99
69) Atrazine	16.810	200	94714	39.820	ng	96
70) Pentachlorophenol	16.992	266	87122	45.018	ng	93
71) Phenanthrene	17.397	178	506718	41.480	ng	98
72) Anthracene	17.486	178	510417	41.421	ng	99
73) Carbazole	17.750	167	464276	40.636	ng	99
74) Di-n-butylphthalate	18.326	149	567930	40.813	ng	99
75) Fluoranthene	19.407	202	629113	40.459	ng	99
77) Benzidine	19.589	184	203067	45.354	ng	100
78) Pyrene	19.771	202	656638	41.272	ng	99
80) Butylbenzylphthalate	20.670	149	234499	41.625	ng	98
81) Benzo(a)anthracene	21.610	228	647996	41.661	ng	99
82) 3,3'-Dichlorobenzidine	21.522	252	209253	41.294	ng	95
83) Chrysene	21.675	228	614121	41.632	ng	97
84) Bis(2-ethylhexyl)phtha...	21.534	149	353845	42.342	ng	98
85) Di-n-octyl phthalate	22.750	149	613062	42.733	ng	99
87) Indeno(1,2,3-cd)pyrene	28.479	276	836742	41.689	ng	99
88) Benzo(b)fluoranthene	23.808	252	688869	41.084	ng	99
89) Benzo(k)fluoranthene	23.884	252	684029	41.712	ng	99
90) Benzo(a)pyrene	24.671	252	616241	41.347	ng	99
91) Dibenzo(a,h)anthracene	28.555	278	698410	41.732	ng	99
92) Benzo(g,h,i)perylene	29.624	276	697563	41.742	ng	97

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

