

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120423\
 Data File : BG059943.D
 Acq On : 4 Dec 2023 22:47
 Operator : MA/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

ICVBG120423

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 02:53:20 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 05 02:26:15 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	68053	20.000	ng	# 0.00
21) Naphthalene-d8	10.766	136	262865	20.000	ng	# 0.00
39) Acenaphthene-d10	14.597	164	273484	20.000	ng	0.00
64) Phenanthrene-d10	17.347	188	980672	20.000	ng	0.00
76) Chrysene-d12	21.624	240	1258812	20.000	ng	# 0.00
86) Perylene-d12	24.814	264	1450412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	265346	78.342	ng	0.00
7) Phenol-d6	7.112	99	457195	85.643	ng	0.00
23) Nitrobenzene-d5	9.121	82	599099	81.471	ng	0.00
42) 2,4,6-Tribromophenol	16.089	330	733441	83.354	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	2050372	81.771	ng	0.00
79) Terphenyl-d14	19.973	244	5160729	70.674	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	42313	36.950	ng	99
3) Pyridine	3.827	79	148722	43.518	ng	96
4) n-Nitrosodimethylamine	3.745	42	71295	39.683	ng	# 86
6) Aniline	7.288	93	295082	50.084	ng	92
8) 2-Chlorophenol	7.523	128	142577	43.155	ng	94
9) Benzaldehyde	7.100	77	164038	41.364	ng	94
10) Phenol	7.141	94	227079	42.526	ng	96
11) bis(2-Chloroethyl)ether	7.376	93	162835	43.820	ng	95
12) 1,3-Dichlorobenzene	7.852	146	191220	40.216	ng	98
13) 1,4-Dichlorobenzene	7.993	146	198566	40.341	ng	90
14) 1,2-Dichlorobenzene	8.316	146	198088	41.050	ng	99
15) Benzyl Alcohol	8.193	79	238058	45.126	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.492	45	79764	40.872	ng	95
17) 2-Methylphenol	8.392	107	163882	45.546	ng	88
18) Hexachloroethane	9.050	117	77131	40.387	ng	95
19) n-Nitroso-di-n-propyla...	8.768	70	174855	43.707	ng	# 90
20) 3+4-Methylphenols	8.721	107	227772	44.610	ng	89
22) Acetophenone	8.780	105	331459	39.460	ng	# 95
24) Nitrobenzene	9.162	77	299556	40.711	ng	93
25) Isophorone	9.685	82	509834	40.326	ng	97
26) 2-Nitrophenol	9.873	139	100519	42.958	ng	92
27) 2,4-Dimethylphenol	9.926	122	161725	50.351	ng	92
28) bis(2-Chloroethoxy)met...	10.173	93	245945	41.406	ng	93
29) 2,4-Dichlorophenol	10.408	162	262863	41.103	ng	89
30) 1,2,4-Trichlorobenzene	10.625	180	355492	38.119	ng	98
31) Naphthalene	10.819	128	555876	41.139	ng	99
32) Benzoic acid	10.061	122	135900	44.371	ng	# 82
33) 4-Chloroaniline	10.919	127	238411	45.242	ng	# 91
34) Hexachlorobutadiene	11.101	225	408320	39.052	ng	97
35) Caprolactam	11.689	113	58417	43.432	ng	81
36) 4-Chloro-3-methylphenol	12.041	107	231154	43.892	ng	89
37) 2-Methylnaphthalene	12.429	142	489244	42.658	ng	95
38) 1-Methylnaphthalene	12.640	142	474820	42.393	ng	91
40) 1,2,4,5-Tetrachloroben...	12.793	216	783457	40.129	ng	97
41) Hexachlorocyclopentadiene	12.776	237	454209	45.914	ng	92
43) 2,4,6-Trichlorophenol	13.022	196	404524	40.464	ng	97

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44) 2,4,5-Trichlorophenol	13.093	196	471173	42.860	ng	94
46) 1,1'-Biphenyl	13.434	154	821172	41.087	ng	95
47) 2-Chloronaphthalene	13.475	162	692779	38.742	ng	98
48) 2-Nitroaniline	13.674	65	155687	45.932	ng	96
49) Acenaphthylene	14.321	152	1010284	42.214	ng	96
50) Dimethylphthalate	14.056	163	971346	41.723	ng	100
51) 2,6-Dinitrotoluene	14.168	165	201708	39.545	ng	94
52) Acenaphthene	14.662	154	720459	41.710	ng	96
53) 3-Nitroaniline	14.497	138	144259	45.589	ng	94
54) 2,4-Dinitrophenol	14.697	184	180609	40.596	ng	95
55) Dibenzofuran	14.996	168	1193687	40.971	ng	98
56) 4-Nitrophenol	14.791	139	105690	38.486	ng	# 74
57) 2,4-Dinitrotoluene	14.955	165	296669	41.819	ng	# 95
58) Fluorene	15.649	166	1013559	40.880	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.220	232	543390	41.550	ng	99
60) Diethylphthalate	15.425	149	877793	42.332	ng	100
61) 4-Chlorophenyl-phenyle...	15.643	204	940460	41.814	ng	99
62) 4-Nitroaniline	15.666	138	155798	42.774	ng	91
63) Azobenzene	15.937	77	871003	40.490	ng	94
65) 4,6-Dinitro-2-methylph...	15.719	198	305441	40.738	ng	94
66) n-Nitrosodiphenylamine	15.854	169	961052	42.782	ng	95
67) 4-Bromophenyl-phenylether	16.536	248	712164	42.387	ng	97
68) Hexachlorobenzene	16.647	284	728768	39.038	ng	98
69) Atrazine	16.806	200	373493	33.697	ng	97
70) Pentachlorophenol	16.988	266	529605	39.150	ng	99
71) Phenanthrene	17.388	178	1946113	42.027	ng	99
72) Anthracene	17.482	178	2011860	42.504	ng	99
73) Carbazole	17.746	167	1462228	40.646	ng	96
74) Di-n-butylphthalate	18.322	149	1331531	42.793	ng	99
75) Fluoranthene	19.403	202	3045411	40.017	ng	99
77) Benzidine	19.585	184	531440	50.091	ng	98
78) Pyrene	19.767	202	2865984	42.781	ng	97
80) Butylbenzylphthalate	20.666	149	400785	42.174	ng	96
81) Benzo(a)anthracene	21.600	228	3534763	42.086	ng	100
82) 3,3'-Dichlorobenzidine	21.518	252	1251743	45.379	ng	# 99
83) Chrysene	21.671	228	3333445	42.333	ng	97
84) Bis(2-ethylhexyl)phtha...	21.524	149	631116	43.401	ng	99
85) Di-n-octyl phthalate	22.740	149	1136512	45.225	ng	99
87) Indeno(1,2,3-cd)pyrene	28.463	276	4603484	42.982	ng	# 99
88) Benzo(b)fluoranthene	23.804	252	3704433	41.321	ng	98
89) Benzo(k)fluoranthene	23.874	252	3659667m	41.894	ng	
90) Benzo(a)pyrene	24.667	252	3533601	44.134	ng	96
91) Dibenzo(a,h)anthracene	28.539	278	3913930	43.041	ng	100
92) Benzo(g,h,i)perylene	29.603	276	3702757	42.102	ng	93

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

