

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060006.D
 Acq On : 14 Dec 2023 10:06
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/15/2023

Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 10:40:07 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Dec 14 01:47:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	55691	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	199091	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	173129	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	532387	20.000	ng	0.00
76) Chrysene-d12	21.613	240	674346	20.000	ng	0.00
86) Perylene-d12	24.792	264	775309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.520	112	275605	84.717	ng	0.00
7) Phenol-d6	7.107	99	366141	80.009	ng	0.00
23) Nitrobenzene-d5	9.116	82	363881	82.993	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	336262	83.342	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1122155	79.328	ng	0.00
79) Terphenyl-d14	19.962	244	3138780	84.979	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	58017	37.688	ng	89
3) Pyridine	3.828	79	176772	41.003	ng	96
4) n-Nitrosodimethylamine	3.746	42	83114	39.194	ng	# 79
6) Aniline	7.277	93	185861	39.875	ng	100
8) 2-Chlorophenol	7.518	128	123014	39.902	ng	98
9) Benzaldehyde	7.089	77	115526	41.518	ng	100
10) Phenol	7.136	94	187909	40.875	ng	97
11) bis(2-Chloroethyl)ether	7.377	93	129454	39.335	ng	99
12) 1,3-Dichlorobenzene	7.847	146	166642	40.422	ng	97
13) 1,4-Dichlorobenzene	7.994	146	167561	39.060	ng	96
14) 1,2-Dichlorobenzene	8.311	146	161847	39.214	ng	99
15) Benzyl Alcohol	8.188	79	147314	40.053	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.487	45	242164m	41.120	ng	
17) 2-Methylphenol	8.387	107	122043	39.819	ng	96
18) Hexachloroethane	9.040	117	52986	40.774	ng	96
19) n-Nitroso-di-n-propyla...	8.758	70	116774	39.552	ng	# 91
20) 3+4-Methylphenols	8.716	107	168375	39.330	ng	96
22) Acetophenone	8.775	105	243099	41.901	ng	93
24) Nitrobenzene	9.157	77	186980	42.006	ng	96
25) Isophorone	9.680	82	349984	41.707	ng	# 97
26) 2-Nitrophenol	9.868	139	73496	44.895	ng	# 85
27) 2,4-Dimethylphenol	9.921	122	93009	41.449	ng	92
28) bis(2-Chloroethoxy)met...	10.168	93	179598	41.453	ng	99
29) 2,4-Dichlorophenol	10.397	162	171806	42.629	ng	97
30) 1,2,4-Trichlorobenzene	10.620	180	230697	42.289	ng	98
31) Naphthalene	10.814	128	429707	41.460	ng	97
32) Benzoic acid	10.038	122	94475	46.285	ng	94
33) 4-Chloroaniline	10.914	127	164481	41.708	ng	98
34) Hexachlorobutadiene	11.096	225	206647	41.387	ng	97
35) Caprolactam	11.678	113	44709	43.669	ng	# 85
36) 4-Chloro-3-methylphenol	12.030	107	155855	42.521	ng	97
37) 2-Methylnaphthalene	12.418	142	327054	40.234	ng	97
38) 1-Methylnaphthalene	12.635	142	327085	40.734	ng	98
40) 1,2,4,5-Tetrachloroben...	12.782	216	356740	39.525	ng	99
41) Hexachlorocyclopentadiene	12.765	237	152508	40.896	ng	98
43) 2,4,6-Trichlorophenol	13.017	196	201489	39.815	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060006.D
 Acq On : 14 Dec 2023 10:06
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2023
 Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 14 10:40:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.088	196	231687	42.090	ng	99
46) 1,1'-Biphenyl	13.429	154	512098	39.885	ng	100
47) 2-Chloronaphthalene	13.470	162	441840	39.736	ng	95
48) 2-Nitroaniline	13.664	65	107052	44.599	ng	89
49) Acenaphthylene	14.316	152	624664	41.069	ng	99
50) Dimethylphthalate	14.045	163	551113	41.010	ng	98
51) 2,6-Dinitrotoluene	14.163	165	116843	41.973	ng	99
52) Acenaphthene	14.657	154	425964	40.684	ng	100
53) 3-Nitroaniline	14.492	138	95008	42.711	ng	94
54) 2,4-Dinitrophenol	14.692	184	92894	45.292	ng	92
55) Dibenzofuran	14.991	168	698567	40.992	ng	98
56) 4-Nitrophenol	14.786	139	81155	43.409	ng	91
57) 2,4-Dinitrotoluene	14.950	165	174839	44.679	ng	97
58) Fluorene	15.638	166	581579	40.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.215	232	240016	41.889	ng	97
60) Diethylphthalate	15.414	149	517893	41.884	ng	98
61) 4-Chlorophenyl-phenyle...	15.638	204	419528	40.537	ng	97
62) 4-Nitroaniline	15.661	138	107901	44.546	ng	96
63) Azobenzene	15.926	77	496562	40.732	ng	98
65) 4,6-Dinitro-2-methylph...	15.708	198	145294	43.527	ng	93
66) n-Nitrosodiphenylamine	15.849	169	533171	40.994	ng	94
67) 4-Bromophenyl-phenylether	16.531	248	304215	40.499	ng	96
68) Hexachlorobenzene	16.642	284	364120	41.466	ng	97
69) Atrazine	16.795	200	185728	41.588	ng	97
70) Pentachlorophenol	16.983	266	244929	43.055	ng	97
71) Phenanthrene	17.383	178	1068573	41.438	ng	99
72) Anthracene	17.477	178	1069468	41.248	ng	98
73) Carbazole	17.741	167	921964	41.845	ng	99
74) Di-n-butylphthalate	18.311	149	869829	43.276	ng	98
75) Fluoranthene	19.398	202	1620007	43.051	ng	99
77) Benzidine	19.580	184	589341	68.039	ng	98
78) Pyrene	19.756	202	1670309	40.861	ng	98
80) Butylbenzylphthalate	20.655	149	320759	43.691	ng	97
81) Benzo(a)anthracene	21.590	228	1883787	41.587	ng	99
82) 3,3'-Dichlorobenzidine	21.507	252	635179	42.614	ng	100
83) Chrysene	21.660	228	1784520	41.583	ng	98
84) Bis(2-ethylhexyl)phtha...	21.513	149	484340	43.526	ng	97
85) Di-n-octyl phthalate	22.718	149	832486	43.250	ng	100
87) Indeno(1,2,3-cd)pyrene	28.429	276	2283654	41.272	ng	# 98
88) Benzo(b)fluoranthene	23.787	252	2025563	42.303	ng	98
89) Benzo(k)fluoranthene	23.852	252	1894728	40.795	ng	98
90) Benzo(a)pyrene	24.651	252	1763612	41.572	ng	99
91) Dibenzo(a,h)anthracene	28.505	278	1964691	42.462	ng	# 98
92) Benzo(g,h,i)perylene	29.568	276	1887762	41.018	ng	# 98

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

