

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040424\
 Data File : BG060772.D
 Acq On : 4 Apr 2024 10:32
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 04/05/2024
 Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 04 12:06:37 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 30 03:12:26 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	56642	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	251082	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	201926	20.000	ng	0.00
64) Phenanthrene-d10	17.336	188	473558	20.000	ng	0.00
76) Chrysene-d12	21.607	240	425345	20.000	ng	0.00
86) Perylene-d12	24.756	264	494801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.538	112	258919	76.150	ng	0.00
7) Phenol-d6	7.124	99	389245	77.123	ng	0.00
23) Nitrobenzene-d5	9.116	82	423960	96.350	ng	0.00
42) 2,4,6-Tribromophenol	16.078	330	226668	98.887	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1044089	75.886	ng	0.00
79) Terphenyl-d14	19.962	244	1886284	78.088	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	60154	43.151	ng	98
3) Pyridine	3.852	79	200666	47.722	ng	90
4) n-Nitrosodimethylamine	3.763	42	124335	49.467	ng	91
6) Aniline	7.283	93	236832	37.159	ng	97
8) 2-Chlorophenol	7.524	128	154973	40.204	ng	98
9) Benzaldehyde	7.095	77	101962	36.636	ng	99
10) Phenol	7.148	94	198469	38.532	ng	99
11) bis(2-Chloroethyl)ether	7.383	93	154438	37.137	ng	99
12) 1,3-Dichlorobenzene	7.853	146	153891	38.390	ng	97
13) 1,4-Dichlorobenzene	7.994	146	157846	38.596	ng	99
14) 1,2-Dichlorobenzene	8.311	146	158968	39.664	ng	98
15) Benzyl Alcohol	8.193	79	168821	41.294	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.493	45	366466m	39.048	ng	
17) 2-Methylphenol	8.399	107	154405	39.709	ng	99
18) Hexachloroethane	9.045	117	58920	40.565	ng	90
19) n-Nitroso-di-n-propyla...	8.763	70	152043	39.503	ng	# 97
20) 3+4-Methylphenols	8.728	107	215068	40.390	ng	94
22) Acetophenone	8.781	105	273108	39.448	ng	# 97
24) Nitrobenzene	9.157	77	211106	43.384	ng	100
25) Isophorone	9.686	82	387792	38.263	ng	98
26) 2-Nitrophenol	9.868	139	87646	50.549	ng	93
27) 2,4-Dimethylphenol	9.933	122	157092	38.587	ng	98
28) bis(2-Chloroethoxy)met...	10.168	93	225841	37.744	ng	98
29) 2,4-Dichlorophenol	10.403	162	160313	42.882	ng	97
30) 1,2,4-Trichlorobenzene	10.620	180	172912	40.846	ng	97
31) Naphthalene	10.808	128	524227	38.597	ng	98
32) Benzoic acid	10.062	122	134051	49.277	ng	96
33) 4-Chloroaniline	10.908	127	244795	38.804	ng	98
34) Hexachlorobutadiene	11.102	225	114778	40.683	ng	97
35) Caprolactam	11.684	113	60252	40.692	ng	96
36) 4-Chloro-3-methylphenol	12.036	107	200888	42.064	ng	99
37) 2-Methylnaphthalene	12.418	142	393582	39.416	ng	99
38) 1-Methylnaphthalene	12.635	142	369413	39.161	ng	98
40) 1,2,4,5-Tetrachloroben...	12.782	216	228558	39.372	ng	99
41) Hexachlorocyclopentadiene	12.770	237	126050	42.703	ng	97
43) 2,4,6-Trichlorophenol	13.017	196	161346	43.164	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.094	196	191384	42.903	ng	98
46) 1,1'-Biphenyl	13.429	154	531756	37.283	ng	99
47) 2-Chloronaphthalene	13.464	162	406993	37.558	ng	97
48) 2-Nitroaniline	13.658	65	162293	46.462	ng	98
49) Acenaphthylene	14.310	152	698609	38.368	ng	98
50) Dimethylphthalate	14.051	163	611390	38.307	ng	99
51) 2,6-Dinitrotoluene	14.163	165	123465	43.554	ng	93
52) Acenaphthene	14.656	154	461190	40.342	ng	99
53) 3-Nitroaniline	14.486	138	135468	43.498	ng	94
54) 2,4-Dinitrophenol	14.692	184	68826	61.953	ng	90
55) Dibenzofuran	14.991	168	691998	38.375	ng	99
56) 4-Nitrophenol	14.792	139	108961	46.700	ng	96
57) 2,4-Dinitrotoluene	14.950	165	176616	47.584	ng	92
58) Fluorene	15.638	166	561702	38.812	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.215	232	177026	45.536	ng	99
60) Diethylphthalate	15.420	149	609418	37.953	ng	99
61) 4-Chlorophenyl-phenyle...	15.638	204	305238	39.867	ng	95
62) 4-Nitroaniline	15.649	138	141970	48.652	ng	96
63) Azobenzene	15.931	77	585506	37.419	ng	98
65) 4,6-Dinitro-2-methylph...	15.714	198	102825	51.938	ng	98
66) n-Nitrosodiphenylamine	15.849	169	530971	39.236	ng	98
67) 4-Bromophenyl-phenylether	16.531	248	206326	42.931	ng	99
68) Hexachlorobenzene	16.642	284	219399	40.440	ng	98
69) Atrazine	16.801	200	190909	40.342	ng	98
70) Pentachlorophenol	16.983	266	162719	45.965	ng	97
71) Phenanthrene	17.383	178	954735	38.765	ng	99
72) Anthracene	17.471	178	980823	39.214	ng	99
73) Carbazole	17.735	167	842375	38.198	ng	100
74) Di-n-butylphthalate	18.317	149	1054431	38.352	ng	99
75) Fluoranthene	19.392	202	1144535	38.297	ng	99
77) Benzidine	19.568	184	407546	36.387	ng	99
78) Pyrene	19.756	202	1173748	39.457	ng	99
80) Butylbenzylphthalate	20.661	149	457885	42.195	ng	97
81) Benzo(a)anthracene	21.584	228	1168840	38.984	ng	99
82) 3,3'-Dichlorobenzidine	21.501	252	418479	41.337	ng	98
83) Chrysene	21.648	228	1118297	38.697	ng	100
84) Bis(2-ethylhexyl)phtha...	21.531	149	683916	39.542	ng	97
85) Di-n-octyl phthalate	22.729	149	1184157	42.026	ng	100
87) Indeno(1,2,3-cd)pyrene	28.329	276	1360035	39.032	ng	99
88) Benzo(b)fluoranthene	23.758	252	1115732	39.250	ng	99
89) Benzo(k)fluoranthene	23.828	252	1117826	38.419	ng	99
90) Benzo(a)pyrene	24.604	252	1086451	39.329	ng	100
91) Dibenzo(a,h)anthracene	28.399	278	1147750	39.075	ng	98
92) Benzo(g,h,i)perylene	29.439	276	1113487	38.970	ng	99

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

