

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060857.D
 Acq On : 11 Apr 2024 12:29
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 11 13:22:37 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	7.948	152	63444	20.000	ng	-0.01
21) Naphthalene-d8	10.745	136	261306	20.000	ng	-0.01
39) Acenaphthene-d10	14.582	164	203588	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	483172	20.000	ng	0.00
76) Chrysene-d12	21.591	240	425740	20.000	ng	-0.01
86) Perylene-d12	24.729	264	509423	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	293725	77.125	ng	0.00
7) Phenol-d6	7.114	99	414202	73.269	ng	0.00
23) Nitrobenzene-d5	9.106	82	440206	96.128	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	242493	104.927	ng	0.00
45) 2-Fluorobiphenyl	13.207	172	1084113	78.152	ng	-0.01
79) Terphenyl-d14	19.952	244	1920898	79.447	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	56227	36.010	ng	98
3) Pyridine	3.847	79	170128	36.122	ng	89
4) n-Nitrosodimethylamine	3.759	42	113064	40.160	ng	87
6) Aniline	7.273	93	254795	35.691	ng	98
8) 2-Chlorophenol	7.514	128	163238	37.808	ng	95
9) Benzaldehyde	7.085	77	111000m	35.608	ng	
10) Phenol	7.144	94	207947	36.043	ng	99
11) bis(2-Chloroethyl)ether	7.373	93	165369	35.502	ng	99
12) 1,3-Dichlorobenzene	7.843	146	173261	38.588	ng	96
13) 1,4-Dichlorobenzene	7.984	146	175619	38.338	ng	99
14) 1,2-Dichlorobenzene	8.301	146	171693	38.247	ng	98
15) Benzyl Alcohol	8.183	79	177059	38.666	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.483	45	397698m	37.832	ng	
17) 2-Methylphenol	8.389	107	160063	36.750	ng	96
18) Hexachloroethane	9.035	117	64782	39.819	ng	88
19) n-Nitroso-di-n-propyla...	8.753	70	155862	36.154	ng	# 96
20) 3+4-Methylphenols	8.718	107	221469	37.133	ng	91
22) Acetophenone	8.765	105	284822	39.530	ng	97
24) Nitrobenzene	9.147	77	217170	42.916	ng	97
25) Isophorone	9.676	82	404104	38.313	ng	99
26) 2-Nitrophenol	9.858	139	90152	50.066	ng	90
27) 2,4-Dimethylphenol	9.923	122	163525	38.595	ng	98
28) bis(2-Chloroethoxy)met...	10.158	93	228832	36.748	ng	97
29) 2,4-Dichlorophenol	10.393	162	167950	43.167	ng	99
30) 1,2,4-Trichlorobenzene	10.610	180	184117	41.791	ng	98
31) Naphthalene	10.798	128	546940	38.694	ng	100
32) Benzoic acid	10.058	122	131375	46.803	ng	95
33) 4-Chloroaniline	10.898	127	251123	38.250	ng	97
34) Hexachlorobutadiene	11.086	225	136655	46.542	ng	95
35) Caprolactam	11.673	113	61832	40.125	ng	91
36) 4-Chloro-3-methylphenol	12.026	107	204511	41.147	ng	98
37) 2-Methylnaphthalene	12.408	142	405649	39.035	ng	98
38) 1-Methylnaphthalene	12.625	142	378761	38.581	ng	97
40) 1,2,4,5-Tetrachloroben...	12.772	216	250798	42.850	ng	99
41) Hexachlorocyclopentadiene	12.755	237	138580	46.565	ng	97
43) 2,4,6-Trichlorophenol	13.013	196	167617	44.475	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
 Data File : BG060857.D
 Acq On : 11 Apr 2024 12:29
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/12/2024

Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 11 13:22:37 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)
44) 2,4,5-Trichlorophenol	13.084	196	200638	44.610	ng	94
46) 1,1'-Biphenyl	13.419	154	549523	38.214	ng	98
47) 2-Chloronaphthalene	13.454	162	417160	38.182	ng	98
48) 2-Nitroaniline	13.654	65	166565	47.170	ng	97
49) Acenaphthylene	14.306	152	702420	38.263	ng	99
50) Dimethylphthalate	14.041	163	618201	38.417	ng	100
51) 2,6-Dinitrotoluene	14.153	165	126470	44.194	ng	94
52) Acenaphthene	14.646	154	464731m	40.320	ng	
53) 3-Nitroaniline	14.482	138	135862	43.283	ng	96
54) 2,4-Dinitrophenol	14.688	184	68859	61.477	ng	91
55) Dibenzofuran	14.981	168	702232	38.625	ng	98
56) 4-Nitrophenol	14.787	139	108546	46.142	ng	95
57) 2,4-Dinitrotoluene	14.940	165	180571	48.179	ng	93
58) Fluorene	15.634	166	567463	38.890	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.205	232	181525	46.312	ng	97
60) Diethylphthalate	15.410	149	609259	37.633	ng	100
61) 4-Chlorophenyl-phenyle...	15.628	204	312336	40.461	ng	96
62) 4-Nitroaniline	15.645	138	144097	48.978	ng	97
63) Azobenzene	15.921	77	577451	36.603	ng	96
65) 4,6-Dinitro-2-methylph...	15.704	198	103160	51.188	ng	95
66) n-Nitrosodiphenylamine	15.839	169	534730	38.728	ng	98
67) 4-Bromophenyl-phenylether	16.521	248	216488	44.149	ng	99
68) Hexachlorobenzene	16.638	284	231290	41.783	ng	97
69) Atrazine	16.791	200	192147	39.796	ng	98
70) Pentachlorophenol	16.979	266	168018	46.518	ng	97
71) Phenanthrene	17.373	178	954397	37.980	ng	100
72) Anthracene	17.461	178	988118	38.720	ng	100
73) Carbazole	17.731	167	853991	37.954	ng	99
74) Di-n-butylphthalate	18.307	149	1027399	36.625	ng	99
75) Fluoranthene	19.382	202	1152388	37.793	ng	97
77) Benzidine	19.558	184	410870	36.650	ng	99
78) Pyrene	19.746	202	1179077	39.599	ng	99
80) Butylbenzylphthalate	20.645	149	440427	40.549	ng	97
81) Benzo(a)anthracene	21.574	228	1177410	39.234	ng	99
82) 3,3'-Dichlorobenzidine	21.491	252	424384	41.881	ng	# 98
83) Chrysene	21.638	228	1119816	38.714	ng	99
84) Bis(2-ethylhexyl)phtha...	21.509	149	640296	36.986	ng	99
85) Di-n-octyl phthalate	22.702	149	1114619	39.521	ng	98
87) Indeno(1,2,3-cd)pyrene	28.289	276	1386409	38.647	ng	# 97
88) Benzo(b)fluoranthene	23.736	252	1110775	37.954	ng	98
89) Benzo(k)fluoranthene	23.806	252	1124700m	37.546	ng	
90) Benzo(a)pyrene	24.582	252	1098914	38.638	ng	99
91) Dibenzo(a,h)anthracene	28.360	278	1150350	38.040	ng	97
92) Benzo(g,h,i)perylene	29.400	276	1118990	38.039	ng	97

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

