

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
 Data File : BG061069.D
 Acq On : 1 May 2024 9:43
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 01 10:20:04 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed May 01 05:11:25 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	20475	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	91945	20.000	ng	0.00
39) Acenaphthene-d10	14.582	164	75981	20.000	ng	0.00
64) Phenanthrene-d10	17.332	188	195408	20.000	ng	# 0.00
76) Chrysene-d12	21.586	240	203542	20.000	ng	# 0.00
86) Perylene-d12	24.718	264	240274	20.000	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.546	112	83125	82.566	ng	0.00
7) Phenol-d6	7.132	99	121593	81.643	ng	0.00
23) Nitrobenzene-d5	9.118	82	145868	78.645	ng	0.00
42) 2,4,6-Tribromophenol	16.075	330	117288	77.228	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	433580	84.382	ng	0.00
79) Terphenyl-d14	19.947	244	966293	78.956	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.466	88	15633	38.404	ng	98
3) Pyridine	3.854	79	44279	36.966	ng	96
4) n-Nitrosodimethylamine	3.772	42	41793	36.315	ng	97
6) Aniline	7.285	93	57607	39.017	ng	94
8) 2-Chlorophenol	7.526	128	49033	39.698	ng	96
9) Benzaldehyde	7.097	77	34263	43.452	ng	94
10) Phenol	7.156	94	60343	39.842	ng	99
11) bis(2-Chloroethyl)ether	7.385	93	41787	39.937	ng	97
12) 1,3-Dichlorobenzene	7.855	146	60637	41.644	ng	99
13) 1,4-Dichlorobenzene	7.996	146	63039	41.889	ng	96
14) 1,2-Dichlorobenzene	8.313	146	60239	41.489	ng	97
15) Benzyl Alcohol	8.196	79	53056	39.491	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.490	45	96476m	42.493	ng	
17) 2-Methylphenol	8.401	107	44107	40.865	ng	91
18) Hexachloroethane	9.036	117	23316	43.420	ng	94
19) n-Nitroso-di-n-propyla...	8.760	70	46064	41.329	ng	87
20) 3+4-Methylphenols	8.725	107	64662	41.524	ng	95
22) Acetophenone	8.777	105	92493	40.393	ng	97
24) Nitrobenzene	9.154	77	71799	39.570	ng	97
25) Isophorone	9.682	82	129525	37.778	ng	98
26) 2-Nitrophenol	9.864	139	33578	39.059	ng	99
27) 2,4-Dimethylphenol	9.929	122	40024	40.382	ng	94
28) bis(2-Chloroethoxy)met...	10.164	93	66033	39.243	ng	95
29) 2,4-Dichlorophenol	10.405	162	60613	39.032	ng	97
30) 1,2,4-Trichlorobenzene	10.617	180	72786	38.899	ng	98
31) Naphthalene	10.805	128	184811	38.675	ng	99
32) Benzoic acid	10.070	122	41166	35.930	ng	93
33) 4-Chloroaniline	10.910	127	72096	37.830	ng	96
34) Hexachlorobutadiene	11.092	225	63435	39.511	ng	94
35) Caprolactam	11.674	113	20113	35.965	ng	90
36) 4-Chloro-3-methylphenol	12.038	107	71080	37.958	ng	99
37) 2-Methylnaphthalene	12.409	142	138787	38.758	ng	99
38) 1-Methylnaphthalene	12.632	142	138811	38.506	ng	98
40) 1,2,4,5-Tetrachloroben...	12.779	216	108894	42.944	ng	98
41) Hexachlorocyclopentadiene	12.761	237	43948	45.274	ng	94
43) 2,4,6-Trichlorophenol	13.020	196	67076	41.203	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
 Data File : BG061069.D
 Acq On : 1 May 2024 9:43
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: May 01 10:20:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2024
 Supervised By :mohammad ahmed 05/06/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.096	196	75095	40.758	ng	96
46) 1,1'-Biphenyl	13.419	154	201570	41.375	ng	100
47) 2-Chloronaphthalene	13.460	162	155275	39.803	ng	98
48) 2-Nitroaniline	13.660	65	56460	39.002	ng	100
49) Acenaphthylene	14.306	152	238952	39.881	ng	99
50) Dimethylphthalate	14.042	163	226815	38.648	ng	99
51) 2,6-Dinitrotoluene	14.159	165	48889	38.946	ng	96
52) Acenaphthene	14.653	154	147922	39.575	ng	99
53) 3-Nitroaniline	14.488	138	42945	37.389	ng	# 95
54) 2,4-Dinitrophenol	14.694	184	30979	36.061	ng	98
55) Dibenzofuran	14.982	168	251505	39.837	ng	99
56) 4-Nitrophenol	14.800	139	36194	38.992	ng	96
57) 2,4-Dinitrotoluene	14.947	165	71489	38.493	ng	91
58) Fluorene	15.634	166	211545	38.723	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.211	232	74408	39.231	ng	99
60) Diethylphthalate	15.405	149	222585	37.611	ng	99
61) 4-Chlorophenyl-phenyle...	15.628	204	128191	39.079	ng	99
62) 4-Nitroaniline	15.646	138	47854	38.414	ng	95
63) Azobenzene	15.922	77	176814	38.380	ng	98
65) 4,6-Dinitro-2-methylph...	15.711	198	48530	40.028	ng	98
66) n-Nitrosodiphenylamine	15.840	169	189552	39.117	ng	99
67) 4-Bromophenyl-phenylether	16.521	248	91502	39.750	ng	95
68) Hexachlorobenzene	16.639	284	113324	39.553	ng	98
69) Atrazine	16.792	200	78465	39.264	ng	94
70) Pentachlorophenol	16.980	266	71999	40.904	ng	98
71) Phenanthrene	17.373	178	352702	39.475	ng	99
72) Anthracene	17.461	178	353652	39.667	ng	99
73) Carbazole	17.732	167	314593	40.132	ng	99
74) Di-n-butylphthalate	18.296	149	372733	39.988	ng	99
75) Fluoranthene	19.383	202	496450	40.558	ng	99
77) Benzidine	19.565	184	164239	42.729	ng	97
78) Pyrene	19.747	202	507969	39.255	ng	99
80) Butylbenzylphthalate	20.640	149	161045	39.316	ng	93
81) Benzo(a)anthracene	21.568	228	522053	39.195	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	188580	39.343	ng	99
83) Chrysene	21.633	228	490880	39.337	ng	98
84) Bis(2-ethylhexyl)phtha...	21.492	149	213136	39.847	ng	# 99
85) Di-n-octyl phthalate	22.679	149	372299	39.451	ng	100
87) Indeno(1,2,3-cd)pyrene	28.278	276	619993	38.936	ng	98
88) Benzo(b)fluoranthene	23.731	252	516193	38.446	ng	99
89) Benzo(k)fluoranthene	23.795	252	506901	39.243	ng	99
90) Benzo(a)pyrene	24.571	252	454254	38.834	ng	98
91) Dibenzo(a,h)anthracene	28.343	278	502749	38.125	ng	# 99
92) Benzo(g,h,i)perylene	29.383	276	511351	39.021	ng	99

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

