

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042424\
 Data File : BG061019.D
 Acq On : 24 Apr 2024 10:17
 Operator : MA/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/26/2024

Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 10:51:45 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 22 04:22:00 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	23851	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	98655	20.000	ng	# 0.00
39) Acenaphthene-d10	14.574	164	82213	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	205431	20.000	ng	0.00
76) Chrysene-d12	21.584	240	196415	20.000	ng	0.00
86) Perylene-d12	24.710	264	232181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	97020	82.280	ng	0.00
7) Phenol-d6	7.112	99	141124	80.664	ng	0.00
23) Nitrobenzene-d5	9.098	82	158021	71.965	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	137389	76.102	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	484676	81.593	ng	0.00
79) Terphenyl-d14	19.945	244	971393	76.767	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	17606	43.143	ng	96
3) Pyridine	3.840	79	54710	43.372	ng	93
4) n-Nitrosodimethylamine	3.758	42	50301	44.337	ng	96
6) Aniline	7.265	93	81441	38.732	ng	95
8) 2-Chlorophenol	7.512	128	57214	38.942	ng	96
9) Benzaldehyde	7.077	77	35665	39.632	ng	98
10) Phenol	7.142	94	67814	39.014	ng	95
11) bis(2-Chloroethyl)ether	7.365	93	49117	39.496	ng	93
12) 1,3-Dichlorobenzene	7.835	146	64031	39.300	ng	97
13) 1,4-Dichlorobenzene	7.976	146	64369	38.355	ng	98
14) 1,2-Dichlorobenzene	8.299	146	64086	39.074	ng	92
15) Benzyl Alcohol	8.182	79	64037	38.767	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.464	45	101667m	37.555	ng	
17) 2-Methylphenol	8.387	107	53391	38.041	ng	96
18) Hexachloroethane	9.022	117	22771	37.656	ng	97
19) n-Nitroso-di-n-propyla...	8.746	70	49149	37.696	ng	92
20) 3+4-Methylphenols	8.716	107	75456	38.442	ng	96
22) Acetophenone	8.758	105	96971	35.201	ng	# 96
24) Nitrobenzene	9.140	77	75828	35.938	ng	94
25) Isophorone	9.662	82	136904	37.255	ng	98
26) 2-Nitrophenol	9.850	139	37491	37.806	ng	94
27) 2,4-Dimethylphenol	9.915	122	58445	36.770	ng	96
28) bis(2-Chloroethoxy)met...	10.144	93	71880	37.184	ng	# 93
29) 2,4-Dichlorophenol	10.391	162	70074	38.198	ng	98
30) 1,2,4-Trichlorobenzene	10.603	180	79323	39.190	ng	95
31) Naphthalene	10.791	128	203548	37.686	ng	98
32) Benzoic acid	10.056	122	47908m	39.558	ng	
33) 4-Chloroaniline	10.890	127	91341	37.229	ng	99
34) Hexachlorobutadiene	11.078	225	70552	39.635	ng	99
35) Caprolactam	11.672	113	21102	36.114	ng	# 82
36) 4-Chloro-3-methylphenol	12.024	107	79923	37.355	ng	97
37) 2-Methylnaphthalene	12.395	142	156119	36.763	ng	94
38) 1-Methylnaphthalene	12.618	142	148670	37.516	ng	98
40) 1,2,4,5-Tetrachloroben...	12.765	216	120170	41.131	ng	99
41) Hexachlorocyclopentadiene	12.747	237	69350	40.341	ng	98
43) 2,4,6-Trichlorophenol	13.006	196	75461	39.292	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	91444	40.252	ng	97
46) 1,1'-Biphenyl	13.405	154	219803	39.692	ng	98
47) 2-Chloronaphthalene	13.446	162	168913	39.782	ng	98
48) 2-Nitroaniline	13.646	65	63717	37.182	ng	94
49) Acenaphthylene	14.298	152	277673	38.830	ng	100
50) Dimethylphthalate	14.034	163	254674	37.566	ng	99
51) 2,6-Dinitrotoluene	14.145	165	51560	36.449	ng	93
52) Acenaphthene	14.639	154	169934	39.109	ng	95
53) 3-Nitroaniline	14.474	138	50396	36.131	ng	# 92
54) 2,4-Dinitrophenol	14.680	184	29637	35.487	ng	94
55) Dibenzofuran	14.974	168	287915	38.372	ng	99
56) 4-Nitrophenol	14.792	139	37218	37.245	ng	88
57) 2,4-Dinitrotoluene	14.933	165	77157	37.872	ng	99
58) Fluorene	15.626	166	239865	37.875	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.203	232	86869	37.886	ng	# 99
60) Diethylphthalate	15.397	149	246076	36.858	ng	98
61) 4-Chlorophenyl-phenyle...	15.614	204	144335	36.953	ng	98
62) 4-Nitroaniline	15.638	138	54805	36.439	ng	99
63) Azobenzene	15.908	77	195800	36.056	ng	98
65) 4,6-Dinitro-2-methylph...	15.702	198	47655	37.569	ng	97
66) n-Nitrosodiphenylamine	15.832	169	222859	39.376	ng	98
67) 4-Bromophenyl-phenylether	16.513	248	105275	38.830	ng	98
68) Hexachlorobenzene	16.631	284	119970	40.061	ng	97
69) Atrazine	16.784	200	82622	39.005	ng	95
70) Pentachlorophenol	16.972	266	75917	38.660	ng	98
71) Phenanthrene	17.365	178	398158	37.971	ng	99
72) Anthracene	17.453	178	409301	37.900	ng	100
73) Carbazole	17.724	167	334763	37.324	ng	100
74) Di-n-butylphthalate	18.294	149	400384	36.769	ng	99
75) Fluoranthene	19.375	202	518865	37.285	ng	97
77) Benzidine	19.551	184	171681	47.174	ng	99
78) Pyrene	19.739	202	513071	38.364	ng	98
80) Butylbenzylphthalate	20.632	149	167028	37.470	ng	98
81) Benzo(a)anthracene	21.566	228	526051	38.094	ng	100
82) 3,3'-Dichlorobenzidine	21.478	252	189767	38.025	ng	96
83) Chrysene	21.631	228	496845	37.790	ng	100
84) Bis(2-ethylhexyl)phtha...	21.490	149	235631	36.359	ng	99
85) Di-n-octyl phthalate	22.677	149	399893	37.166	ng	97
87) Indeno(1,2,3-cd)pyrene	28.264	276	620770	38.541	ng	# 99
88) Benzo(b)fluoranthene	23.722	252	501344	38.103	ng	98
89) Benzo(k)fluoranthene	23.787	252	514733	38.753	ng	98
90) Benzo(a)pyrene	24.563	252	492982	38.709	ng	100
91) Dibenzo(a,h)anthracene	28.323	278	516023	39.214	ng	# 97
92) Benzo(g,h,i)perylene	29.363	276	505215	38.721	ng	99

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

