

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103124\
 Data File : BG063130.D
 Acq On : 31 Oct 2024 12:52
 Operator : RC/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 01 04:52:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 01 04:41:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.842	152	55243	20.000	ng	0.00
21) Naphthalene-d8	10.633	136	262499	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	201275	20.000	ng	0.00
64) Phenanthrene-d10	17.225	188	513902	20.000	ng	0.00
76) Chrysene-d12	21.479	240	801761	20.000	ng	0.00
86) Perylene-d12	24.516	264	919779	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.433	112	45135	12.669	ng	0.00
7) Phenol-d6	7.013	99	45210	9.684	ng	-0.01
23) Nitrobenzene-d5	8.993	82	62783	10.402	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	34393	10.060	ng	0.00
45) 2-Fluorobiphenyl	13.094	172	143097	10.530	ng	0.00
79) Terphenyl-d14	19.857	244	410212	10.529	ng	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.347	88	9086m	6.492	ng	
3) Pyridine	3.747	79	20290	6.004	ng	90
4) n-Nitrosodimethylamine	3.658	42	10178	4.849	ng	# 93
6) Aniline	7.172	93	22406	5.337	ng	96
8) 2-Chlorophenol	7.413	128	15861	4.794	ng	91
9) Benzaldehyde	6.990	77	17298	5.963	ng	86
10) Phenol	7.043	94	25300	5.059	ng	82
11) bis(2-Chloroethyl)ether	7.266	93	17556	5.205	ng	98
12) 1,3-Dichlorobenzene	7.736	146	21104m	5.251	ng	
13) 1,4-Dichlorobenzene	7.883	146	21037	5.141	ng	95
14) 1,2-Dichlorobenzene	8.200	146	21146m	5.361	ng	
15) Benzyl Alcohol	8.083	79	17278	4.606	ng	# 86
16) 2,2'-oxybis(1-Chloropr...	8.371	45	30708	5.019	ng	93
17) 2-Methylphenol	8.288	107	17277	5.430	ng	86
18) Hexachloroethane	8.917	117	7557	5.160	ng	86
19) n-Nitroso-di-n-propyla...	8.641	70	16842	5.180	ng	# 87
20) 3+4-Methylphenols	8.617	107	19735m	4.639	ng	
22) Acetophenone	8.664	105	31084	4.419	ng	# 90
24) Nitrobenzene	9.034	77	33347	5.110	ng	# 89
25) Isophorone	9.557	82	51077	4.892	ng	# 92
26) 2-Nitrophenol	9.751	139	12564	5.235	ng	86
27) 2,4-Dimethylphenol	9.816	122	14277	4.838	ng	83
28) bis(2-Chloroethoxy)met...	10.045	93	28367	5.182	ng	# 93
29) 2,4-Dichlorophenol	10.286	162	22164	4.973	ng	98
30) 1,2,4-Trichlorobenzene	10.497	180	27610	5.037	ng	91
31) Naphthalene	10.685	128	69298	5.004	ng	95
33) 4-Chloroaniline	10.791	127	25098	5.371	ng	# 83
34) Hexachlorobutadiene	10.968	225	22651	5.021	ng	88
35) Caprolactam	11.537	113	7084	4.977	ng	# 73
36) 4-Chloro-3-methylphenol	11.925	107	27721	5.399	ng	96
37) 2-Methylnaphthalene	12.295	142	52648m	5.360	ng	
38) 1-Methylnaphthalene	12.513	142	50439	5.217	ng	# 93
40) 1,2,4,5-Tetrachloroben...	12.671	216	36784	5.086	ng	95
43) 2,4,6-Trichlorophenol	12.912	196	20513	4.736	ng	96
44) 2,4,5-Trichlorophenol	12.983	196	21127	4.437	ng	85
46) 1,1'-Biphenyl	13.306	154	72322	5.294	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.347	162	63022	5.509	ng	98
48) 2-Nitroaniline	13.559	65	18460	4.597	ng	90
49) Acenaphthylene	14.199	152	84056	5.204	ng	99
50) Dimethylphthalate	13.929	163	75352	5.253	ng	# 98
51) 2,6-Dinitrotoluene	14.052	165	14562	4.754	ng	94
52) Acenaphthene	14.546	154	54770	5.477	ng	96
53) 3-Nitroaniline	14.381	138	15432	5.307	ng	# 98
55) Dibenzofuran	14.875	168	93651	5.312	ng	93
56) 4-Nitrophenol	14.698	139	9055	4.113	ng	# 68
57) 2,4-Dinitrotoluene	14.845	165	20161	4.602	ng	93
58) Fluorene	15.527	166	72112	5.161	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.110	232	21195	4.639	ng	100
60) Diethylphthalate	15.298	149	74458	5.055	ng	98
61) 4-Chlorophenyl-phenyle...	15.527	204	44601	5.136	ng	96
62) 4-Nitroaniline	15.539	138	15343	4.782	ng	# 76
63) Azobenzene	15.815	77	78886	5.178	ng	96
65) 4,6-Dinitro-2-methylph...	15.615	198	14438	4.370	ng	78
66) n-Nitrosodiphenylamine	15.738	169	68753	5.363	ng	93
67) 4-Bromophenyl-phenylether	16.420	248	31794	5.048	ng	93
68) Hexachlorobenzene	16.537	284	36310	4.977	ng	# 87
69) Atrazine	16.684	200	30484	5.172	ng	93
70) Pentachlorophenol	16.890	266	12368	3.407	ng	# 83
71) Phenanthrene	17.272	178	132741	5.328	ng	96
72) Anthracene	17.360	178	128922	5.272	ng	95
73) Carbazole	17.630	167	130161	5.655	ng	# 93
74) Di-n-butylphthalate	18.194	149	148885	5.697	ng	98
75) Fluoranthene	19.287	202	214481	6.082	ng	99
78) Pyrene	19.651	202	230163	4.843	ng	95
80) Butylbenzylphthalate	20.550	149	75953	4.960	ng	97
81) Benzo(a)anthracene	21.461	228	278963	5.525	ng	96
82) 3,3'-Dichlorobenzidine	21.379	252	99243	5.302	ng	98
83) Chrysene	21.526	228	252385	5.321	ng	97
84) Bis(2-ethylhexyl)phtha...	21.379	149	115720	5.209	ng	98
85) Di-n-octyl phthalate	22.525	149	191358	5.149	ng	97
87) Indeno(1,2,3-cd)pyrene	27.924	276	312837	5.068	ng	# 96
88) Benzo(b)fluoranthene	23.559	252	277736	5.179	ng	98
89) Benzo(k)fluoranthene	23.617	252	263024	5.141	ng	# 94
90) Benzo(a)pyrene	24.375	252	240608	5.140	ng	97
91) Dibenzo(a,h)anthracene	27.983	278	269473	5.230	ng	# 98
92) Benzo(g,h,i)perylene	29.005	276	263615	5.176	ng	# 98

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

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