

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121323\
 Data File : BG059993.D
 Acq On : 13 Dec 2023 12:40
 Operator : MA/JU
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/14/2023
 Supervised By :mohammad ahmed 12/14/2023

Quant Time: Dec 14 01:36:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:32:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	59341	20.000	ng	0.00
21) Naphthalene-d8	10.765	136	219727	20.000	ng	# 0.00
39) Acenaphthene-d10	14.595	164	183556	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	561590	20.000	ng	# 0.00
76) Chrysene-d12	21.611	240	704229	20.000	ng	0.00
86) Perylene-d12	24.795	264	789918	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.524	112	36651	10.573	ng	0.00
7) Phenol-d6	7.098	99	49064	10.062	ng	-0.01
23) Nitrobenzene-d5	9.114	82	47390	9.793	ng	0.00
42) 2,4,6-Tribromophenol	16.076	330	42087	9.839	ng	0.00
45) 2-Fluorobiphenyl	13.215	172	157854	10.525	ng	0.00
79) Terphenyl-d14	19.960	244	436194	11.308	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.438	88	8447	5.150	ng	86
3) Pyridine	3.832	79	22843	4.979	ng	# 59
4) n-Nitrosodimethylamine	3.749	42	13211	5.847	ng	95
6) Aniline	7.280	93	24501	4.933	ng	# 91
8) 2-Chlorophenol	7.515	128	17499	5.327	ng	90
10) Phenol	7.128	94	24045	4.909	ng	86
11) bis(2-Chloroethyl)ether	7.374	93	18660	5.321	ng	94
12) 1,3-Dichlorobenzene	7.844	146	22990	5.234	ng	96
13) 1,4-Dichlorobenzene	7.985	146	24911m	5.450	ng	
14) 1,2-Dichlorobenzene	8.309	146	24849m	5.650	ng	
15) Benzyl Alcohol	8.191	79	19876	5.072	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.479	45	33332	5.312	ng	94
17) 2-Methylphenol	8.391	107	15831	4.848	ng	95
18) Hexachloroethane	9.043	117	7511	5.424	ng	81
19) n-Nitroso-di-n-propyla...	8.749	70	15105	4.801	ng	# 90
20) 3+4-Methylphenols	8.708	107	24245m	5.315	ng	
22) Acetophenone	8.779	105	31743	4.957	ng	# 94
24) Nitrobenzene	9.155	77	23260	4.735	ng	93
25) Isophorone	9.678	82	46082	4.976	ng	# 91
26) 2-Nitrophenol	9.866	139	8217	4.548	ng	92
27) 2,4-Dimethylphenol	9.924	122	12349	4.986	ng	87
28) bis(2-Chloroethoxy)met...	10.165	93	24875	5.202	ng	93
29) 2,4-Dichlorophenol	10.400	162	21707	4.880	ng	96
30) 1,2,4-Trichlorobenzene	10.618	180	30619	5.086	ng	93
31) Naphthalene	10.812	128	60417	5.282	ng	# 95
32) Benzoic acid	9.971	122	8962m	3.978	ng	
33) 4-Chloroaniline	10.911	127	21796	5.008	ng	# 93
34) Hexachlorobutadiene	11.099	225	27896	5.062	ng	# 81
35) Caprolactam	11.652	113	5167	4.573	ng	92
36) 4-Chloro-3-methylphenol	12.028	107	18919	4.677	ng	87
37) 2-Methylnaphthalene	12.421	142	45676	5.091	ng	90
38) 1-Methylnaphthalene	12.633	142	44640	5.037	ng	91
40) 1,2,4,5-Tetrachloroben...	12.786	216	46779	4.888	ng	99
41) Hexachlorocyclopentadiene	12.768	237	19462	4.922	ng	94
43) 2,4,6-Trichlorophenol	13.015	196	27036	5.039	ng	96
44) 2,4,5-Trichlorophenol	13.091	196	28691	4.916	ng	# 94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.426	154	70676	5.192	ng	97
47) 2-Chloronaphthalene	13.467	162	60643	5.144	ng	99
48) 2-Nitroaniline	13.667	65	11193	4.398	ng	96
49) Acenaphthylene	14.313	152	82060	5.089	ng	97
50) Dimethylphthalate	14.043	163	73586	5.165	ng	97
51) 2,6-Dinitrotoluene	14.161	165	13348	4.523	ng	89
52) Acenaphthene	14.654	154	55377m	4.989	ng	
53) 3-Nitroaniline	14.490	138	11500	4.876	ng	# 94
54) 2,4-Dinitrophenol	14.684	184	8125	3.736	ng	# 86
55) Dibenzofuran	14.989	168	90869	5.029	ng	95
56) 4-Nitrophenol	14.778	139	8692	4.385	ng	# 78
57) 2,4-Dinitrotoluene	14.942	165	18760	4.522	ng	# 89
58) Fluorene	15.641	166	79768	5.236	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.206	232	30482	5.018	ng	# 98
60) Diethylphthalate	15.406	149	66310	5.058	ng	# 92
61) 4-Chlorophenyl-phenyle...	15.635	204	53842	4.907	ng	96
62) 4-Nitroaniline	15.641	138	12669	4.933	ng	# 70
63) Azobenzene	15.923	77	67282	5.206	ng	94
65) 4,6-Dinitro-2-methylph...	15.700	198	14984	4.255	ng	94
66) n-Nitrosodiphenylamine	15.847	169	68897	5.022	ng	98
67) 4-Bromophenyl-phenylether	16.528	248	39296	4.959	ng	98
68) Hexachlorobenzene	16.640	284	46683	5.040	ng	# 89
69) Atrazine	16.793	200	31713	4.720	ng	98
70) Pentachlorophenol	16.987	266	26447m	4.407	ng	
71) Phenanthrene	17.380	178	143601	5.279	ng	96
72) Anthracene	17.474	178	142377	5.206	ng	98
73) Carbazole	17.745	167	122700	5.279	ng	96
74) Di-n-butylphthalate	18.309	149	107570	5.074	ng	# 94
75) Fluoranthene	19.396	202	215568	5.431	ng	99
77) Benzidine	19.578	184	36294	4.012	ng	97
78) Pyrene	19.760	202	227130	5.321	ng	97
80) Butylbenzylphthalate	20.659	149	36827	4.803	ng	89
81) Benzo(a)anthracene	21.587	228	244343	5.165	ng	98
82) 3,3'-Dichlorobenzidine	21.511	252	76642	4.924	ng	# 89
83) Chrysene	21.652	228	233905	5.219	ng	96
84) Bis(2-ethylhexyl)phtha...	21.511	149	56134	4.830	ng	# 92
85) Di-n-octyl phthalate	22.715	149	94520	4.702	ng	96
87) Indeno(1,2,3-cd)pyrene	28.414	276	281219	4.988	ng	95
88) Benzo(b)fluoranthene	23.785	252	248755	5.099	ng	98
89) Benzo(k)fluoranthene	23.849	252	245096m	5.178	ng	
90) Benzo(a)pyrene	24.642	252	220924	5.111	ng	# 98
91) Dibenzo(a,h)anthracene	28.485	278	233031	4.943	ng	# 96
92) Benzo(g,h,i)perylene	29.543	276	242138	5.164	ng	# 93

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

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