

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030724\
 Data File : BG060586.D
 Acq On : 7 Mar 2024 12:49
 Operator : MA/JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

SSTDICC010

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
 Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 08 03:24:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 08 03:18:53 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.323	152	74645	20.000	ng	0.00
21) Naphthalene-d8	11.173	136	314552	20.000	ng	0.00
39) Acenaphthene-d10	14.951	164	231050	20.000	ng	0.00
64) Phenanthrene-d10	17.701	188	506970	20.000	ng	0.00
76) Chrysene-d12	22.019	240	463913	20.000	ng	0.00
86) Perylene-d12	25.580	264	515349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	89801	19.938	ng	0.00
7) Phenol-d6	7.430	99	131819	19.384	ng	0.00
23) Nitrobenzene-d5	9.522	82	95881	17.466	ng	0.00
42) 2,4,6-Tribromophenol	16.432	330	54970	19.543	ng	0.00
45) 2-Fluorobiphenyl	13.576	172	348545	20.608	ng	0.00
79) Terphenyl-d14	20.280	244	562960	21.433	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.652	88	19831m	10.074	ng	
3) Pyridine	4.070	79	59630	9.874	ng	91
4) n-Nitrosodimethylamine	3.993	42	30429	9.949	ng	# 90
6) Aniline	7.642	93	80655	9.579	ng	99
8) 2-Chlorophenol	7.871	128	48611	9.539	ng	95
9) Benzaldehyde	7.466	77	39364	10.218	ng	95
10) Phenol	7.460	94	64511	9.627	ng	97
11) bis(2-Chloroethyl)ether	7.742	93	55110	10.185	ng	95
12) 1,3-Dichlorobenzene	8.206	146	53822	9.576	ng	98
13) 1,4-Dichlorobenzene	8.364	146	58395	10.263	ng	95
14) 1,2-Dichlorobenzene	8.682	146	54083	9.757	ng	95
15) Benzyl Alcohol	8.564	79	51573	9.574	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.840	45	106316m	9.952	ng	
17) 2-Methylphenol	8.741	107	50805	9.704	ng	96
18) Hexachloroethane	9.410	117	18697	9.743	ng	96
19) n-Nitroso-di-n-propyla...	9.128	70	46821	9.847	ng	# 96
20) 3+4-Methylphenols	9.070	107	67956	9.705	ng	97
22) Acetophenone	9.164	105	89607	10.065	ng	# 99
24) Nitrobenzene	9.563	77	50352	8.969	ng	95
25) Isophorone	10.074	82	126150	10.314	ng	98
26) 2-Nitrophenol	10.274	139	14542	9.902	ng	# 80
27) 2,4-Dimethylphenol	10.297	122	52738	9.797	ng	97
28) bis(2-Chloroethoxy)met...	10.556	93	71765	10.119	ng	93
29) 2,4-Dichlorophenol	10.791	162	45338	9.597	ng	99
30) 1,2,4-Trichlorobenzene	11.014	180	49726	9.836	ng	94
31) Naphthalene	11.220	128	172014	9.733	ng	99
32) Benzoic acid	10.333	122	17648m	10.670	ng	
33) 4-Chloroaniline	11.332	127	76060	9.922	ng	# 96
34) Hexachlorobutadiene	11.455	225	34506	9.815	ng	91
35) Caprolactam	12.101	113	18234	10.496	ng	94
36) 4-Chloro-3-methylphenol	12.395	107	60691	10.005	ng	96
37) 2-Methylnaphthalene	12.800	142	128977	10.384	ng	96
38) 1-Methylnaphthalene	13.018	142	123725	10.482	ng	98
40) 1,2,4,5-Tetrachloroben...	13.141	216	66588	9.701	ng	100
41) Hexachlorocyclopentadiene	13.100	237	27404	8.498	ng	97
43) 2,4,6-Trichlorophenol	13.382	196	41723	9.422	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	50428	9.622	ng	91
46) 1,1'-Biphenyl	13.788	154	172393	10.025	ng	98
47) 2-Chloronaphthalene	13.840	162	125640	9.723	ng	98
48) 2-Nitroaniline	14.052	65	27957	9.916	ng	97
49) Acenaphthylene	14.681	152	213339	9.901	ng	98
50) Dimethylphthalate	14.393	163	173958	10.012	ng	100
51) 2,6-Dinitrotoluene	14.534	165	20027	9.646	ng	92
52) Acenaphthene	15.015	154	129908	10.054	ng	96
53) 3-Nitroaniline	14.869	138	26913	9.801	ng	# 97
54) 2,4-Dinitrophenol	15.057	184	6488	11.912	ng	93
55) Dibenzofuran	15.345	168	211739	10.098	ng	100
56) 4-Nitrophenol	15.127	139	19556	7.568	ng	90
57) 2,4-Dinitrotoluene	15.303	165	24277	9.582	ng	# 93
58) Fluorene	15.997	166	175544	10.344	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.550	232	40965m	9.320	ng	
60) Diethylphthalate	15.738	149	183795	10.071	ng	98
61) 4-Chlorophenyl-phenyle...	15.979	204	87603	10.311	ng	98
62) 4-Nitroaniline	16.026	138	28208	9.249	ng	100
63) Azobenzene	16.273	77	187874	10.064	ng	96
65) 4,6-Dinitro-2-methylph...	16.050	198	11684	12.210	ng	90
66) n-Nitrosodiphenylamine	16.196	169	158783	10.042	ng	100
67) 4-Bromophenyl-phenylether	16.878	248	55957	9.895	ng	95
68) Hexachlorobenzene	16.966	284	61885	9.950	ng	94
69) Atrazine	17.131	200	53047	9.679	ng	98
70) Pentachlorophenol	17.313	266	29769	7.406	ng	96
71) Phenanthrene	17.742	178	278227	10.195	ng	99
72) Anthracene	17.836	178	276203	9.905	ng	98
73) Carbazole	18.106	167	241546	9.946	ng	98
74) Di-n-butylphthalate	18.623	149	298252	9.840	ng	100
75) Fluoranthene	19.733	202	313750	10.035	ng	98
77) Benzidine	19.922	184	98833	8.433	ng	99
78) Pyrene	20.098	202	332250	10.195	ng	98
80) Butylbenzylphthalate	20.961	149	114177	9.127	ng	97
81) Benzo(a)anthracene	22.001	228	321898	9.988	ng	100
82) 3,3'-Dichlorobenzidine	21.907	252	102892	9.355	ng	99
83) Chrysene	22.072	228	313178	9.983	ng	100
84) Bis(2-ethylhexyl)phtha...	21.849	149	171088	9.257	ng	97
85) Di-n-octyl phthalate	23.182	149	281802	9.144	ng	99
87) Indeno(1,2,3-cd)pyrene	29.687	276	336912m	9.554	ng	
88) Benzo(b)fluoranthene	24.422	252	279348	9.745	ng	98
89) Benzo(k)fluoranthene	24.504	252	288286	9.574	ng	99
90) Benzo(a)pyrene	25.403	252	269588	9.533	ng	97
91) Dibenzo(a,h)anthracene	29.786	278	277382	9.347	ng	98
92) Benzo(g,h,i)perylene	31.003	276	275705	9.527	ng	100

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

