

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053439.D
 Acq On : 4 May 2022 22:07
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/05/2022
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 01:11:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 01:07:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	25654	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	103395	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	80528	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	194863	20.000	ng	0.00
76) Chrysene-d12	21.751	240	185249	20.000	ng	0.00
86) Perylene-d12	25.035	264	196381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.661	112	225291	150.538	ng	0.00
7) Phenol-d6	7.265	99	348577	151.038	ng	0.00
23) Nitrobenzene-d5	9.268	82	378455	148.620	ng	0.00
42) 2,4,6-Tribromophenol	16.212	330	187786	146.574	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	824850	141.242	ng	0.00
79) Terphenyl-d14	20.071	244	1484156	135.310	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.546	88	54673	76.498	ng	98
3) Pyridine	3.946	79	151215m	80.221	ng	
4) n-Nitrosodimethylamine	3.858	42	72948	78.149	ng	99
6) Aniline	7.424	93	197758	73.937	ng	98
8) 2-Chlorophenol	7.664	128	116380	72.032	ng	95
10) Phenol	7.288	94	166280	72.382	ng	95
11) bis(2-Chloroethyl)ether	7.512	93	122173	73.777	ng	97
12) 1,3-Dichlorobenzene	7.987	146	134525	71.653	ng	91
13) 1,4-Dichlorobenzene	8.134	146	136941	71.546	ng	98
14) 1,2-Dichlorobenzene	8.457	146	130879	70.909	ng	99
15) Benzyl Alcohol	8.334	79	150256	73.247	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.622	45	198534	71.810	ng	97
17) 2-Methylphenol	8.540	107	113511	73.019	ng	93
18) Hexachloroethane	9.186	117	52323	72.898	ng	97
19) n-Nitroso-di-n-propyla...	8.904	70	125579	74.324	ng	97
20) 3+4-Methylphenols	8.874	107	165428	75.383	ng	99
22) Acetophenone	8.921	105	214179	74.667	ng	# 97
24) Nitrobenzene	9.309	77	179762	72.576	ng	98
25) Isophorone	9.832	82	326184	75.362	ng	98
26) 2-Nitrophenol	10.020	139	78788	76.070	ng	98
27) 2,4-Dimethylphenol	10.079	122	111372	75.082	ng	95
28) bis(2-Chloroethoxy)met...	10.302	93	180859	74.378	ng	98
29) 2,4-Dichlorophenol	10.560	162	141447	75.852	ng	95
30) 1,2,4-Trichlorobenzene	10.772	180	151039	71.564	ng	100
31) Naphthalene	10.960	128	404882	73.397	ng	99
32) Benzoic acid	10.273	122	78688	97.968	ng	92
33) 4-Chloroaniline	11.066	127	175288	74.203	ng	98
34) Hexachlorobutadiene	11.248	225	110572	70.528	ng	96
35) Caprolactam	11.853	113	50671	77.090	ng	# 91
36) 4-Chloro-3-methylphenol	12.188	107	164360	75.708	ng	97
37) 2-Methylnaphthalene	12.558	142	301535	73.873	ng	98
38) 1-Methylnaphthalene	12.775	142	290998	73.036	ng	99
40) 1,2,4,5-Tetrachloroben...	12.928	216	197511	72.215	ng	99
41) Hexachlorocyclopentadiene	12.904	237	85227	60.365	ng	95
43) 2,4,6-Trichlorophenol	13.163	196	134383	71.264	ng	95
44) 2,4,5-Trichlorophenol	13.245	196	145982	72.648	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.556	154	420921	72.583	ng	99
47) 2-Chloronaphthalene	13.603	162	323746	69.974	ng	98
48) 2-Nitroaniline	13.803	65	129728	73.885	ng	98
49) Acenaphthylene	14.449	152	521581	72.016	ng	100
50) Dimethylphthalate	14.173	163	459867	71.398	ng	98
51) 2,6-Dinitrotoluene	14.297	165	97707	72.715	ng	99
52) Acenaphthene	14.790	154	314851	64.104	ng	99
53) 3-Nitroaniline	14.631	138	106306	74.820	ng	99
54) 2,4-Dinitrophenol	14.837	184	63629	74.422	ng	96
55) Dibenzofuran	15.119	168	550199	71.541	ng	96
56) 4-Nitrophenol	14.943	139	79139	73.031	ng	90
57) 2,4-Dinitrotoluene	15.084	165	141782	74.115	ng #	91
58) Fluorene	15.771	166	440428	70.905	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.348	232	144680	74.140	ng	100
60) Diethylphthalate	15.530	149	474301	70.283	ng	99
61) 4-Chlorophenyl-phenyle...	15.753	204	251049	71.298	ng	97
62) 4-Nitroaniline	15.795	138	106920m	71.314	ng	
63) Azobenzene	16.047	77	491585	72.250	ng	99
65) 4,6-Dinitro-2-methylph...	15.853	198	101577	74.716	ng	97
66) n-Nitrosodiphenylamine	15.971	169	393911	70.296	ng	100
67) 4-Bromophenyl-phenylether	16.652	248	179549	71.910	ng	98
68) Hexachlorobenzene	16.781	284	193796	71.670	ng	98
69) Atrazine	16.917	200	155750	71.155	ng	97
70) Pentachlorophenol	17.122	266	106680m	72.188	ng	
71) Phenanthrene	17.510	178	749303	70.398	ng	97
72) Anthracene	17.604	178	736423	69.838	ng	99
73) Carbazole	17.868	167	707294	69.003	ng	99
74) Di-n-butylphthalate	18.415	149	791195	68.059	ng	100
75) Fluoranthene	19.519	202	937439	68.709	ng	98
77) Benzidine	19.689	184	295320	55.874	ng	98
78) Pyrene	19.877	202	924836	70.098	ng	99
80) Butylbenzylphthalate	20.753	149	350221	71.202	ng	98
81) Benzo(a)anthracene	21.728	228	907208	71.626	ng	98
82) 3,3'-Dichlorobenzidine	21.634	252	237927	51.078	ng	98
83) Chrysene	21.798	228	845201	71.902	ng	96
84) Bis(2-ethylhexyl)phtha...	21.616	149	487302	73.293	ng	96
85) Di-n-octyl phthalate	22.844	149	826790	74.354	ng	99
87) Indeno(1,2,3-cd)pyrene	28.812	276	1076702	73.797	ng	99
88) Benzo(b)fluoranthene	23.989	252	903249	72.899	ng	99
89) Benzo(k)fluoranthene	24.066	252	879051	72.186	ng	99
90) Benzo(a)pyrene	24.882	252	779584	73.855	ng	99
91) Dibenzo(a,h)anthracene	28.871	278	874827	72.852	ng	98
92) Benzo(g,h,i)perylene	29.993	276	875960	74.009	ng	97

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

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