

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011623\
 Data File : BM038455.D
 Acq On : 16 Jan 2023 16:15
 Operator : CG/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 01/17/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

Quant Time: Jan 17 02:17:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 02:09:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	58947	20.000	ng	0.00
21) Naphthalene-d8	10.798	136	207722	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	136774	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	328185	20.000	ng	0.00
76) Chrysene-d12	21.533	240	360960	20.000	ng	0.00
86) Perylene-d12	23.950	264	393001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	387891	101.891	ng	0.00
7) Phenol-d6	7.145	99	477639	91.397	ng	0.00
23) Nitrobenzene-d5	9.157	82	543115	99.721	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	253641	114.240	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	1179118	101.464	ng	0.00
79) Terphenyl-d14	19.968	244	2160533	107.097	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	83586	46.919	ng	99
3) Pyridine	3.804	79	252191m	47.304	ng	
4) n-Nitrosodimethylamine	3.716	42	145464	42.058	ng	99
6) Aniline	7.310	93	306418	46.367	ng	99
8) 2-Chlorophenol	7.545	128	189364	48.314	ng	99
9) Benzaldehyde	7.122	77	146221	38.767	ng	95
10) Phenol	7.175	94	246337	45.333	ng	97
11) bis(2-Chloroethyl)ether	7.410	93	200179	45.454	ng	99
12) 1,3-Dichlorobenzene	7.869	146	204262	49.371	ng	98
13) 1,4-Dichlorobenzene	8.022	146	204860	48.741	ng	97
14) 1,2-Dichlorobenzene	8.334	146	200716	48.454	ng	98
15) Benzyl Alcohol	8.234	79	204278	45.353	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.522	45	286166m	41.438	ng	
17) 2-Methylphenol	8.428	107	175512	46.648	ng	99
18) Hexachloroethane	9.063	117	84287	47.390	ng	99
19) n-Nitroso-di-n-propyla...	8.798	70	186120	43.845	ng	96
20) 3+4-Methylphenols	8.763	107	237433	46.485	ng	99
22) Acetophenone	8.816	105	318528	49.626	ng	# 98
24) Nitrobenzene	9.198	77	278956	48.991	ng	97
25) Isophorone	9.728	82	477522	48.325	ng	99
26) 2-Nitrophenol	9.910	139	103023	52.538	ng	98
27) 2,4-Dimethylphenol	9.969	122	168641	50.514	ng	98
28) bis(2-Chloroethoxy)met...	10.204	93	264497	48.242	ng	98
29) 2,4-Dichlorophenol	10.445	162	190831	52.420	ng	98
30) 1,2,4-Trichlorobenzene	10.657	180	216064	52.975	ng	100
31) Naphthalene	10.845	128	577493	50.809	ng	99
32) Benzoic acid	10.116	122	136062	52.047	ng	99
33) 4-Chloroaniline	10.963	127	259359	51.972	ng	98
34) Hexachlorobutadiene	11.122	225	149916	54.318	ng	97
35) Caprolactam	11.763	113	54909	52.156	ng	99
36) 4-Chloro-3-methylphenol	12.080	107	209450	51.028	ng	97
37) 2-Methylnaphthalene	12.451	142	426375	50.164	ng	99
38) 1-Methylnaphthalene	12.669	142	405178	50.746	ng	97
40) 1,2,4,5-Tetrachloroben...	12.816	216	273424	53.899	ng	98
41) Hexachlorocyclopentadiene	12.786	237	161456	56.194	ng	97
43) 2,4,6-Trichlorophenol	13.057	196	178735	53.373	ng	99

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44) 2,4,5-Trichlorophenol	13.127	196	207968	52.567	ng	100
46) 1,1'-Biphenyl	13.457	154	563342	50.286	ng	99
47) 2-Chloronaphthalene	13.498	162	442980	51.341	ng	99
48) 2-Nitroaniline	13.710	65	169083	50.413	ng	99
49) Acenaphthylene	14.339	152	700929	51.427	ng	99
50) Dimethylphthalate	14.080	163	585584	51.172	ng	99
51) 2,6-Dinitrotoluene	14.204	165	123405	52.884	ng	97
52) Acenaphthene	14.680	154	423575	50.750	ng	98
53) 3-Nitroaniline	14.533	138	125435	53.320	ng	99
54) 2,4-Dinitrophenol	14.739	184	85928	51.769	ng	97
55) Dibenzofuran	15.015	168	721922	51.265	ng	99
56) 4-Nitrophenol	14.839	139	101213	54.851	ng	96
57) 2,4-Dinitrotoluene	14.992	165	175632	53.189	ng	93
58) Fluorene	15.662	166	618453	51.122	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.239	232	182544	53.979	ng	99
60) Diethylphthalate	15.433	149	599152	49.646	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	336209	52.142	ng	98
62) 4-Nitroaniline	15.698	138	135443	54.135	ng	94
63) Azobenzene	15.945	77	664880	47.730	ng	99
65) 4,6-Dinitro-2-methylph...	15.751	198	121041	53.543	ng	97
66) n-Nitrosodiphenylamine	15.868	169	514497	50.451	ng	97
67) 4-Bromophenyl-phenylether	16.545	248	202003	52.279	ng	97
68) Hexachlorobenzene	16.662	284	225634	54.511	ng	98
69) Atrazine	16.821	200	179163	49.779	ng	97
70) Pentachlorophenol	17.009	266	169393	52.747	ng	98
71) Phenanthrene	17.404	178	952233	50.439	ng	99
72) Anthracene	17.492	178	994173	51.013	ng	99
73) Carbazole	17.768	167	868653	51.397	ng	99
74) Di-n-butylphthalate	18.315	149	1027941	47.502	ng	100
75) Fluoranthene	19.409	202	1221638	51.908	ng	99
77) Benzidine	19.597	184	421495	54.022	ng	99
78) Pyrene	19.774	202	1318079	51.403	ng	99
80) Butylbenzylphthalate	20.656	149	479245	47.185	ng	94
81) Benzo(a)anthracene	21.515	228	1394942	53.057	ng	99
82) 3,3'-Dichlorobenzidine	21.450	252	452254	53.939	ng	99
83) Chrysene	21.568	228	1329264	53.090	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	689503	45.243	ng	99
85) Di-n-octyl phthalate	22.356	149	1189017	46.988	ng	100
87) Indeno(1,2,3-cd)pyrene	26.485	276	1548345	59.494	ng	100
88) Benzo(b)fluoranthene	23.215	252	1327296	51.588	ng	99
89) Benzo(k)fluoranthene	23.262	252	1350788	50.711	ng	100
90) Benzo(a)pyrene	23.850	252	1300177	52.990	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	1293527	58.728	ng	99
92) Benzo(g,h,i)perylene	27.262	276	1271552	61.871	ng	99

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

