

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082522\
 Data File : BG054736.D
 Acq On : 25 Aug 2022 14:12
 Operator : CG/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC020

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 25 16:03:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 16:00:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	44576	20.000	ng	0.00
21) Naphthalene-d8	10.979	136	179131	20.000	ng	0.00
39) Acenaphthene-d10	14.786	164	117986	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	271235	20.000	ng	0.00
76) Chrysene-d12	21.825	240	267705	20.000	ng	0.00
86) Perylene-d12	25.197	264	283838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	109239	46.180	ng	0.00
7) Phenol-d6	7.295	99	148033	44.662	ng	0.00
23) Nitrobenzene-d5	9.322	82	142167	45.229	ng	0.00
42) 2,4,6-Tribromophenol	16.266	330	60709	64.250	ng	0.00
45) 2-Fluorobiphenyl	13.411	172	331551	41.441	ng	0.00
79) Terphenyl-d14	20.133	244	585103	43.417	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.534	88	26633	21.898	ng	98
3) Pyridine	3.946	79	72585	21.316	ng	99
4) n-Nitrosodimethylamine	3.863	42	30462	20.422	ng	# 97
6) Aniline	7.471	93	87742	21.218	ng	99
8) 2-Chlorophenol	7.712	128	58837	23.353	ng	99
9) Benzaldehyde	7.283	77	47748	20.836	ng	96
10) Phenol	7.318	94	76722	22.347	ng	97
11) bis(2-Chloroethyl)ether	7.565	93	61220	20.862	ng	99
12) 1,3-Dichlorobenzene	8.041	146	69055	21.352	ng	98
13) 1,4-Dichlorobenzene	8.188	146	69354	21.280	ng	99
14) 1,2-Dichlorobenzene	8.511	146	65718	21.381	ng	98
15) Benzyl Alcohol	8.387	79	53537	23.178	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.675	45	95276	20.925	ng	99
17) 2-Methylphenol	8.587	107	51859	22.404	ng	99
18) Hexachloroethane	9.245	117	24947	23.177	ng	96
19) n-Nitroso-di-n-propyla...	8.952	70	50210	21.531	ng	97
20) 3+4-Methylphenols	8.916	107	72407	23.432	ng	96
22) Acetophenone	8.975	105	92954	20.604	ng	100
24) Nitrobenzene	9.369	77	70977	21.963	ng	98
25) Isophorone	9.886	82	130235	21.739	ng	99
26) 2-Nitrophenol	10.080	139	30461	36.449	ng	93
27) 2,4-Dimethylphenol	10.127	122	49711m	22.748	ng	
28) bis(2-Chloroethoxy)met...	10.368	93	74633	21.089	ng	99
29) 2,4-Dichlorophenol	10.614	162	56203	23.970	ng	100
30) 1,2,4-Trichlorobenzene	10.838	180	64375	20.603	ng	97
31) Naphthalene	11.031	128	198252	20.564	ng	99
32) Benzoic acid	10.215	122	24200	22.018	ng	99
33) 4-Chloroaniline	11.131	127	80727	21.215	ng	99
34) Hexachlorobutadiene	11.308	225	41201	20.887	ng	96
35) Caprolactam	11.883	113	19608	26.783	ng	93
36) 4-Chloro-3-methylphenol	12.236	107	61526	24.693	ng	97
37) 2-Methylnaphthalene	12.624	142	139688	21.091	ng	98
38) 1-Methylnaphthalene	12.841	142	135607	21.172	ng	99
40) 1,2,4,5-Tetrachloroben...	12.988	216	73055	20.055	ng	99
41) Hexachlorocyclopentadiene	12.964	237	37732	24.920	ng	98
43) 2,4,6-Trichlorophenol	13.223	196	47879	25.019	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.288	196	54344	25.091	ng	98
46) 1,1'-Biphenyl	13.623	154	179764	20.136	ng	99
47) 2-Chloronaphthalene	13.670	162	138178	20.290	ng	98
48) 2-Nitroaniline	13.863	65	42435	30.955	ng	96
49) Acenaphthylene	14.510	152	227984	20.596	ng	100
50) Dimethylphthalate	14.228	163	192210	24.193	ng	100
51) 2,6-Dinitrotoluene	14.351	165	38481	26.631	ng	94
52) Acenaphthene	14.850	154	144617	21.309	ng	98
53) 3-Nitroaniline	14.686	138	43275	25.971	ng	96
54) 2,4-Dinitrophenol	14.886	184	15486	30.049	ng	93
55) Dibenzofuran	15.180	168	216266	21.027	ng	99
56) 4-Nitrophenol	14.974	139	33865	27.343	ng	97
57) 2,4-Dinitrotoluene	15.133	165	53012	28.579	ng	93
58) Fluorene	15.832	166	183325	21.561	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.403	232	48606	26.955	ng	96
60) Diethylphthalate	15.585	149	192090	24.786	ng	99
61) 4-Chlorophenyl-phenyle...	15.820	204	90069	21.392	ng	100
62) 4-Nitroaniline	15.843	138	44626	24.576	ng	97
63) Azobenzene	16.114	77	180883	21.016	ng	97
65) 4,6-Dinitro-2-methylph...	15.896	198	26675	32.196	ng	98
66) n-Nitrosodiphenylamine	16.031	169	162761	21.117	ng	98
67) 4-Bromophenyl-phenylether	16.713	248	62272	23.850	ng	99
68) Hexachlorobenzene	16.831	284	69275	21.028	ng	97
69) Atrazine	16.972	200	57467	25.160	ng	100
70) Pentachlorophenol	17.171	266	36175	23.771	ng	98
71) Phenanthrene	17.571	178	303876	21.018	ng	99
72) Anthracene	17.665	178	295051	21.061	ng	99
73) Carbazole	17.929	167	275534	22.106	ng	98
74) Di-n-butylphthalate	18.482	149	351746	26.453	ng	98
75) Fluoranthene	19.580	202	377718	22.160	ng	98
77) Benzidine	19.756	184	138739	23.869	ng	98
78) Pyrene	19.939	202	390544	20.682	ng	99
80) Butylbenzylphthalate	20.814	149	161135	31.015	ng	97
81) Benzo(a)anthracene	21.801	228	378408	20.813	ng	99
82) 3,3'-Dichlorobenzidine	21.713	252	132937	24.197	ng	99
83) Chrysene	21.872	228	364244	21.052	ng	98
84) Bis(2-ethylhexyl)phtha...	21.695	149	231707	28.391	ng	100
85) Di-n-octyl phthalate	22.959	149	390942	27.885	ng	96
87) Indeno(1,2,3-cd)pyrene	29.063	276	438630	20.709	ng	# 93
88) Benzo(b)fluoranthene	24.116	252	362463	20.566	ng	99
89) Benzo(k)fluoranthene	24.187	252	370456	20.369	ng	99
90) Benzo(a)pyrene	25.033	252	311359	20.583	ng	98
91) Dibenzo(a,h)anthracene	29.140	278	358339	20.594	ng	99
92) Benzo(g,h,i)perylene	30.279	276	361272	21.238	ng	99

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

