

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022122\
 Data File : BG052443.D
 Acq On : 21 Feb 2022 18:45
 Operator : CG/JU
 Sample : N1534-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

NAPL-SOCKMSD

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 02/22/2022
 Supervised By : Jagrut Upadhyay 02/22/2022

Quant Time: Feb 22 00:53:44 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Feb 08 01:21:20 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	34468	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	136617	20.000	ng	# 0.00
39) Acenaphthene-d10	14.869	164	94226	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	217233	20.000	ng	0.00
76) Chrysene-d12	21.936	240	201441	20.000	ng	# 0.00
86) Perylene-d12	25.390	264	202824	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	299320	151.350	ng	0.00
7) Phenol-d6	7.379	99	376613	123.422	ng	0.00
23) Nitrobenzene-d5	9.400	82	300065	95.458	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	207189	153.053	ng	0.00
45) 2-Fluorobiphenyl	13.494	172	674915	99.528	ng	0.00
79) Terphenyl-d14	20.214	244	1140531	99.981	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.596	88	36333	39.898	ng	# 42
3) Pyridine	4.013	79	80149	30.347	ng	94
4) n-Nitrosodimethylamine	3.907	42	60938	44.684	ng	92
6) Aniline	7.537	93	57482	16.214	ng	93
8) 2-Chlorophenol	7.790	128	117547	54.030	ng	96
9) Benzaldehyde	7.344	77	55156	29.250	ng	93
10) Phenol	7.402	94	137675	45.409	ng	96
11) bis(2-Chloroethyl)ether	7.626	93	111543	48.132	ng	92
12) 1,3-Dichlorobenzene	8.113	146	127092	51.271	ng	95
13) 1,4-Dichlorobenzene	8.260	146	128312	50.777	ng	99
14) 1,2-Dichlorobenzene	8.583	146	125143	50.214	ng	97
15) Benzyl Alcohol	8.460	79	118506	46.794	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.748	45	152047	45.435	ng	98
17) 2-Methylphenol	8.671	107	102702	51.334	ng	93
18) Hexachloroethane	9.329	117	43809	49.859	ng	90
19) n-Nitroso-di-n-propyla...	9.030	70	102228	44.438	ng	91
20) 3+4-Methylphenols	9.000	107	138594	48.421	ng	94
22) Acetophenone	9.053	105	182963	50.672	ng	# 92
24) Nitrobenzene	9.441	77	150222	50.380	ng	# 90
25) Isophorone	9.969	82	270324	50.542	ng	97
26) 2-Nitrophenol	10.163	139	68720	54.374	ng	88
27) 2,4-Dimethylphenol	10.216	122	113557	60.686	ng	91
28) bis(2-Chloroethoxy)met...	10.445	93	147091	48.459	ng	99
29) 2,4-Dichlorophenol	10.710	162	122244	54.502	ng	97
30) 1,2,4-Trichlorobenzene	10.921	180	135221	51.629	ng	99
31) Naphthalene	11.115	128	395153	55.173	ng	96
32) Benzoic acid	10.375	122	59402	48.960	ng	97
33) 4-Chloroaniline	11.221	127	13119	4.387	ng	96
34) Hexachlorobutadiene	11.397	225	86294	48.787	ng	95
35) Caprolactam	11.990	113	34492m	42.198	ng	
36) 4-Chloro-3-methylphenol	12.337	107	136464	53.480	ng	98
37) 2-Methylnaphthalene	12.707	142	280287	52.689	ng	99
38) 1-Methylnaphthalene	12.930	142	263207	51.062	ng	# 98
40) 1,2,4,5-Tetrachloroben...	13.077	216	161868	52.228	ng	98
41) Hexachlorocyclopentadiene	13.054	237	137463	91.286	ng	96
43) 2,4,6-Trichlorophenol	13.312	196	108277	53.419	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	116328	52.958	ng	94
46) 1,1'-Biphenyl	13.706	154	394525	57.100	ng	99
47) 2-Chloronaphthalene	13.753	162	281266	52.838	ng	98
48) 2-Nitroaniline	13.946	65	95683	50.488	ng	92
49) Acenaphthylene	14.593	152	464505	53.605	ng	100
50) Dimethylphthalate	14.311	163	365833	50.682	ng	99
51) 2,6-Dinitrotoluene	14.434	165	83287	53.470	ng	# 90
52) Acenaphthene	14.933	154	278597	49.091	ng	98
53) 3-Nitroaniline	14.763	138	28566	17.644	ng	95
54) 2,4-Dinitrophenol	14.974	184	85872	88.470	ng	100
55) Dibenzofuran	15.268	168	446531	50.033	ng	98
56) 4-Nitrophenol	15.080	139	122571	100.808	ng	85
57) 2,4-Dinitrotoluene	15.221	165	120375	54.297	ng	# 88
58) Fluorene	15.914	166	397120	55.738	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.497	232	110129	52.482	ng	# 97
60) Diethylphthalate	15.668	149	356905	48.947	ng	97
61) 4-Chlorophenyl-phenyle...	15.897	204	201789	49.720	ng	97
62) 4-Nitroaniline	15.932	138	78803	46.233	ng	# 84
63) Azobenzene	16.196	77	508165	68.076	ng	91
65) 4,6-Dinitro-2-methylph...	15.991	198	63323	48.457	ng	91
66) n-Nitrosodiphenylamine	16.114	169	321937	53.788	ng	98
67) 4-Bromophenyl-phenylether	16.796	248	135094	51.137	ng	94
68) Hexachlorobenzene	16.931	284	150088	52.382	ng	92
69) Atrazine	17.054	200	129509	53.520	ng	92
70) Pentachlorophenol	17.271	266	164592	117.417	ng	96
71) Phenanthrene	17.665	178	578771	51.683	ng	98
72) Anthracene	17.753	178	584368	53.251	ng	99
73) Carbazole	18.017	167	534013	49.894	ng	99
74) Di-n-butylphthalate	18.558	149	611176	52.411	ng	98
75) Fluoranthene	19.662	202	702202	49.245	ng	98
77) Benzidine	19.833	184	87837	20.407	ng	98
78) Pyrene	20.026	202	706259	52.396	ng	99
80) Butylbenzylphthalate	20.890	149	259518	55.427	ng	96
81) Benzo(a)anthracene	21.912	228	689427	51.719	ng	99
82) 3,3'-Dichlorobenzidine	21.812	252	107176	23.031	ng	100
83) Chrysene	21.988	228	640309	50.690	ng	100
84) Bis(2-ethylhexyl)phtha...	21.789	149	368231	56.718	ng	98
85) Di-n-octyl phthalate	23.081	149	614681	56.470	ng	95
87) Indeno(1,2,3-cd)pyrene	29.402	276	783683	52.801	ng	# 94
88) Benzo(b)fluoranthene	24.297	252	721559	57.090	ng	98
89) Benzo(k)fluoranthene	24.368	252	667368	53.451	ng	99
90) Benzo(a)pyrene	25.243	252	676996	63.409	ng	99
91) Dibenzo(a,h)anthracene	29.467	278	674705	55.029	ng	# 96
92) Benzo(g,h,i)perylene	30.665	276	666276	55.372	ng	97

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

