

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102621\
 Data File : BG050725.D
 Acq On : 26 Oct 2021 9:34
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 10/27/2021 11:47:57 AM

Quant Time: Oct 26 11:28:58 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.254	152	37554	20.000	ng	0.00
21) Naphthalene-d8	11.080	136	159941	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	110487	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	239149	20.000	ng	# 0.00
76) Chrysene-d12	21.926	240	188782	20.000	ng	# 0.00
86) Perylene-d12	25.346	264	189128	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	186228	74.163	ng	0.00
7) Phenol-d6	7.396	99	279305	76.825	ng	0.00
23) Nitrobenzene-d5	9.423	82	283828	73.460	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	81982	77.793	ng	0.00
45) 2-Fluorobiphenyl	13.495	172	541985	73.828	ng	-0.01
79) Terphenyl-d14	20.204	244	799825	82.567	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.647	88	42819	32.924	ng	93
3) Pyridine	4.059	79	119820	33.726	ng	# 92
4) n-Nitrosodimethylamine	3.971	42	57556	34.377	ng	# 47
6) Aniline	7.572	93	160080	37.898	ng	95
8) 2-Chlorophenol	7.813	128	95134	39.349	ng	90
9) Benzaldehyde	7.384	77	89432	38.878	ng	91
10) Phenol	7.425	94	135917	38.450	ng	83
11) bis(2-Chloroethyl)ether	7.660	93	102631	37.199	ng	87
12) 1,3-Dichlorobenzene	8.142	146	103807	37.195	ng	97
13) 1,4-Dichlorobenzene	8.289	146	105650	37.549	ng	95
14) 1,2-Dichlorobenzene	8.612	146	100977	37.573	ng	95
15) Benzyl Alcohol	8.489	79	112199	39.053	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.771	45	162193	36.047	ng	86
17) 2-Methylphenol	8.689	107	93335	40.129	ng	93
18) Hexachloroethane	9.341	117	39753	37.330	ng	93
19) n-Nitroso-di-n-propyla...	9.053	70	99823	37.671	ng	# 91
20) 3+4-Methylphenols	9.018	107	129848	39.662	ng	96
22) Acetophenone	9.076	105	167015	36.730	ng	# 98
24) Nitrobenzene	9.470	77	138632	36.086	ng	94
25) Isophorone	9.987	82	254733	37.170	ng	# 95
26) 2-Nitrophenol	10.181	139	59299	42.037	ng	# 91
27) 2,4-Dimethylphenol	10.228	122	92059	37.773	ng	93
28) bis(2-Chloroethoxy)met...	10.463	93	144695	36.926	ng	94
29) 2,4-Dichlorophenol	10.721	162	97227	39.141	ng	99
30) 1,2,4-Trichlorobenzene	10.939	180	107157	37.975	ng	96
31) Naphthalene	11.127	128	321602	37.565	ng	98
32) Benzoic acid	10.381	122	66379	36.698	ng	# 81
33) 4-Chloroaniline	11.233	127	138736	38.624	ng	95
34) Hexachlorobutadiene	11.397	225	67690	38.210	ng	97
35) Caprolactam	12.008	113	37681	39.635	ng	# 62
36) 4-Chloro-3-methylphenol	12.337	107	121281	39.062	ng	# 91
37) 2-Methylnaphthalene	12.719	142	224967	38.085	ng	93
38) 1-Methylnaphthalene	12.937	142	216804	37.850	ng	92
40) 1,2,4,5-Tetrachloroben...	13.078	216	120228	36.849	ng	98
41) Hexachlorocyclopentadiene	13.048	237	74560	39.541	ng	95
43) 2,4,6-Trichlorophenol	13.313	196	86864	37.781	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.389	196	93658	38.963	ng	91
46) 1,1'-Biphenyl	13.706	154	295543	36.673	ng	94
47) 2-Chloronaphthalene	13.759	162	233420	37.721	ng	98
48) 2-Nitroaniline	13.959	65	94325	38.318	ng	94
49) Acenaphthylene	14.599	152	374299	36.916	ng	96
50) Dimethylphthalate	14.317	163	309574	37.069	ng	98
51) 2,6-Dinitrotoluene	14.447	165	64680	38.667	ng	90
52) Acenaphthene	14.940	154	241835m	37.117	ng	
53) 3-Nitroaniline	14.776	138	75553	38.185	ng	88
54) 2,4-Dinitrophenol	14.987	184	38486	37.087	ng	# 83
55) Dibenzofuran	15.269	168	370041	36.722	ng	97
56) 4-Nitrophenol	15.075	139	55944	35.150	ng	# 77
57) 2,4-Dinitrotoluene	15.228	165	92719	39.326	ng	95
58) Fluorene	15.915	166	286229	36.980	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.492	232	74232	35.452	ng	96
60) Diethylphthalate	15.669	149	325939	37.145	ng	97
61) 4-Chlorophenyl-phenyle...	15.904	204	157785	37.257	ng	98
62) 4-Nitroaniline	15.939	138	78710	38.235	ng	# 66
63) Azobenzene	16.197	77	359641	35.407	ng	83
65) 4,6-Dinitro-2-methylph...	15.992	198	59835	41.656	ng	88
66) n-Nitrosodiphenylamine	16.115	169	259103	38.130	ng	98
67) 4-Bromophenyl-phenylether	16.797	248	95612	39.675	ng	96
68) Hexachlorobenzene	16.920	284	94378	39.404	ng	94
69) Atrazine	17.055	200	99729	37.257	ng	96
70) Pentachlorophenol	17.267	266	57379	35.192	ng	96
71) Phenanthrene	17.660	178	462869	36.729	ng	98
72) Anthracene	17.754	178	464176	37.066	ng	98
73) Carbazole	18.025	167	457378	36.645	ng	99
74) Di-n-butylphthalate	18.553	149	550895	37.611	ng	# 97
75) Fluoranthene	19.658	202	533249	34.423	ng	96
77) Benzidine	19.834	184	214571	35.068	ng	99
78) Pyrene	20.022	202	532869	39.784	ng	98
80) Butylbenzylphthalate	20.886	149	221946	39.175	ng	97
81) Benzo(a)anthracene	21.902	228	486806	38.971	ng	99
82) 3,3'-Dichlorobenzidine	21.808	252	160077	38.668	ng	# 99
83) Chrysene	21.973	228	454271	38.661	ng	96
84) Bis(2-ethylhexyl)phtha...	21.767	149	311112	38.648	ng	# 97
85) Di-n-octyl phthalate	23.048	149	520712	38.783	ng	96
87) Indeno(1,2,3-cd)pyrene	29.288	276	507880	38.555	ng	# 89
88) Benzo(b)fluoranthene	24.253	252	450966	38.935	ng	# 93
89) Benzo(k)fluoranthene	24.323	252	439747	38.592	ng	# 97
90) Benzo(a)pyrene	25.181	252	379769	38.563	ng	# 96
91) Dibenzo(a,h)anthracene	29.347	278	423065	38.829	ng	# 94
92) Benzo(g,h,i)perylene	30.522	276	413198	38.721	ng	# 91

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

