

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042621\
 Data File : BG048875.D
 Acq On : 26 Apr 2021 12:41
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad

4/27/2021 12:10:47 PM

Quant Time: Apr 27 04:40:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 27 04:39:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.041	152	23980	20.00	ng	0.00
21) Naphthalene-d8	10.861	136	95047	20.00	ng	# 0.00
39) Acenaphthene-d10	14.686	164	63912	20.00	ng	0.00
64) Phenanthrene-d10	17.436	188	154114	20.00	ng	# 0.00
76) Chrysene-d12	21.725	240	141215	20.00	ng	# 0.00
86) Perylene-d12	25.009	264	140080	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	115717	80.71	ng	0.00
7) Phenol-d6	7.212	99	171323	84.48	ng	0.00
23) Nitrobenzene-d5	9.216	82	179485	84.54	ng	0.00
42) 2,4,6-Tribromophenol	16.178	330	63752	74.40	ng	0.00
45) 2-Fluorobiphenyl	13.305	172	376283	85.02	ng	0.00
79) Terphenyl-d14	20.044	244	660590	80.51	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.446	88	19830	35.30	ng	91
3) Pyridine	3.858	79	61173	41.78	ng	94
4) n-Nitrosodimethylamine	3.769	42	42375	37.90	ng	# 82
6) Aniline	7.365	93	97909	43.01	ng	99
8) 2-Chlorophenol	7.606	128	61933	40.72	ng	95
9) Benzaldehyde	7.177	77	51370	38.23	ng	# 81
10) Phenol	7.236	94	86981	43.62	ng	93
11) bis(2-Chloroethyl)ether	7.459	93	54990	40.92	ng	92
12) 1,3-Dichlorobenzene	7.929	146	69045	39.48	ng	97
13) 1,4-Dichlorobenzene	8.076	146	74444	41.77	ng	96
14) 1,2-Dichlorobenzene	8.399	146	67746	41.20	ng	93
15) Benzyl Alcohol	8.282	79	72632	40.64	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.570	45	60281	41.38	ng	98
17) 2-Methylphenol	8.493	107	54489	42.80	ng	99
18) Hexachloroethane	9.134	117	28064	40.09	ng	97
19) n-Nitroso-di-n-propyla...	8.846	70	58710	42.91	ng	93
20) 3+4-Methylphenols	8.822	107	75940	43.23	ng	99
22) Acetophenone	8.869	105	101160	40.89	ng	# 100
24) Nitrobenzene	9.257	77	89379	42.21	ng	94
25) Isophorone	9.780	82	156080	41.57	ng	98
26) 2-Nitrophenol	9.974	139	38909	42.45	ng	94
27) 2,4-Dimethylphenol	10.027	122	60596	43.01	ng	97
28) bis(2-Chloroethoxy)met...	10.256	93	68990	42.18	ng	# 87
29) 2,4-Dichlorophenol	10.514	162	66792	42.03	ng	98
30) 1,2,4-Trichlorobenzene	10.720	180	76807	41.68	ng	98
31) Naphthalene	10.914	128	209677	42.99	ng	98
32) Benzoic acid	10.238	122	8838	10.71	ng	# 85
33) 4-Chloroaniline	11.020	127	84815	41.79	ng	100
34) Hexachlorobutadiene	11.190	225	55196	40.35	ng	96
35) Caprolactam	11.801	113	23662	43.82	ng	# 83
36) 4-Chloro-3-methylphenol	12.148	107	75711	42.07	ng	# 95
37) 2-Methylnaphthalene	12.518	142	160494	41.18	ng	98
38) 1-Methylnaphthalene	12.735	142	150055	41.38	ng	96
40) 1,2,4,5-Tetrachloroben...	12.882	216	90961	43.73	ng	97
41) Hexachlorocyclopentadiene	12.859	237	38784	37.54	ng	97
43) 2,4,6-Trichlorophenol	13.123	196	53602	38.61	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.205	196	57956	39.31	ng	98
46) 1,1'-Biphenyl	13.517	154	200356	42.44	ng	97
47) 2-Chloronaphthalene	13.564	162	156985	43.53	ng	97
48) 2-Nitroaniline	13.769	65	57115	44.08	ng	88
49) Acenaphthylene	14.410	152	236726	42.08	ng	94
50) Dimethylphthalate	14.134	163	199238	41.56	ng	98
51) 2,6-Dinitrotoluene	14.257	165	44943	40.63	ng	95
52) Acenaphthene	14.751	154	154967	43.38	ng	94
53) 3-Nitroaniline	14.592	138	46465	43.76	ng	93
54) 2,4-Dinitrophenol	14.809	184	27720	44.28	ng	93
55) Dibenzofuran	15.086	168	247278	41.81	ng	99
56) 4-Nitrophenol	14.921	139	28683	36.46	ng	95
57) 2,4-Dinitrotoluene	15.050	165	68829	42.85	ng	93
58) Fluorene	15.732	166	207845	42.79	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.315	232	48178	35.32	ng	99
60) Diethylphthalate	15.491	149	206079	41.55	ng	98
61) 4-Chlorophenyl-phenyle...	15.720	204	111364	41.69	ng	97
62) 4-Nitroaniline	15.761	138	50177	44.20	ng	95
63) Azobenzene	16.014	77	209978	42.04	ng	92
65) 4,6-Dinitro-2-methylph...	15.820	198	40332	39.09	ng	94
66) n-Nitrosodiphenylamine	15.938	169	183554	42.14	ng	94
67) 4-Bromophenyl-phenylether	16.619	248	73294	41.32	ng	92
68) Hexachlorobenzene	16.742	284	74784	41.62	ng	97
69) Atrazine	16.883	200	71924	39.71	ng	99
70) Pentachlorophenol	17.095	266	34519	36.06	ng	96
71) Phenanthrene	17.483	178	334593	41.83	ng	95
72) Anthracene	17.571	178	333583	42.15	ng	98
73) Carbazole	17.841	167	315117	41.56	ng	98
74) Di-n-butylphthalate	18.388	149	356156	41.90	ng	99
75) Fluoranthene	19.492	202	415787	41.10	ng	97
77) Benzidine	19.668	184	157104	40.97	ng	96
78) Pyrene	19.856	202	412063	42.18	ng	97
80) Butylbenzylphthalate	20.726	149	159652	41.79	ng	99
81) Benzo(a)anthracene	21.701	228	396798	41.12	ng	98
82) 3,3'-Dichlorobenzidine	21.613	252	128460	38.82	ng	99
83) Chrysene	21.772	228	374564	40.75	ng	99
84) Bis(2-ethylhexyl)phtha...	21.590	149	216261	40.44	ng	98
85) Di-n-octyl phthalate	22.818	149	369016	40.53	ng	100
87) Indeno(1,2,3-cd)pyrene	28.787	276	411431	39.99	ng	# 86
88) Benzo(b)fluoranthene	23.958	252	399390	42.03	ng	100
89) Benzo(k)fluoranthene	24.034	252	369392m	41.33	ng	
90) Benzo(a)pyrene	24.856	252	364194	41.60	ng	99
91) Dibenzo(a,h)anthracene	28.840	278	353229	40.03	ng	# 96
92) Benzo(g,h,i)perylene	29.980	276	346956	39.83	ng	94

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

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