

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010621\
 Data File : BG047877.D
 Acq On : 6 Jan 2021 15:41
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 1/7/2021 4:43:31 PM

Quant Time: Jan 06 16:39:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 15:55:16 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	35340	20.00	ng	# 0.00
21) Naphthalene-d8	11.026	136	141231	20.00	ng	# 0.00
39) Acenaphthene-d10	14.821	164	108446	20.00	ng	0.00
64) Phenanthrene-d10	17.559	188	270097	20.00	ng	# 0.00
76) Chrysene-d12	21.837	240	236673	20.00	ng	# 0.00
86) Perylene-d12	25.180	264	250309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.726	112	171935	84.16	ng	0.00
7) Phenol-d6	7.342	99	265183	88.80	ng	0.00
23) Nitrobenzene-d5	9.369	82	304185	79.22	ng	0.00
42) 2,4,6-Tribromophenol	16.302	330	156840	84.72	ng	0.00
45) 2-Fluorobiphenyl	13.446	172	683857	81.60	ng	0.00
79) Terphenyl-d14	20.145	244	1198593	83.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.552	88	34017	38.76	ng	# 82
3) Pyridine	3.969	79	92083	40.65	ng	# 77
4) n-Nitrosodimethylamine	3.881	42	67538	37.68	ng	# 50
6) Aniline	7.512	93	144993	43.77	ng	95
8) 2-Chlorophenol	7.759	128	89854	43.15	ng	95
9) Benzaldehyde	7.324	77	85042	43.45	ng	# 80
10) Phenol	7.371	94	122399	45.21	ng	# 62
11) bis(2-Chloroethyl)ether	7.606	93	85670	44.40	ng	98
12) 1,3-Dichlorobenzene	8.088	146	118780	42.31	ng	# 85
13) 1,4-Dichlorobenzene	8.235	146	115741m	41.26	ng	
14) 1,2-Dichlorobenzene	8.558	146	111171m	42.15	ng	
15) Benzyl Alcohol	8.429	79	119169	45.04	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	8.717	45	89808	46.85	ng	77
17) 2-Methylphenol	8.634	107	85766	44.90	ng	# 77
18) Hexachloroethane	9.293	117	46072	41.89	ng	99
19) n-Nitroso-di-n-propyla...	9.005	70	95936	46.17	ng	# 95
20) 3+4-Methylphenols	8.963	107	122150	46.67	ng	87
22) Acetophenone	9.028	105	167470	41.43	ng	# 92
24) Nitrobenzene	9.410	77	140642	38.81	ng	# 83
25) Isophorone	9.939	82	246641	42.60	ng	# 92
26) 2-Nitrophenol	10.127	139	60481	42.19	ng	# 63
27) 2,4-Dimethylphenol	10.174	122	84711	41.05	ng	85
28) bis(2-Chloroethoxy)met...	10.415	93	124006	41.43	ng	99
29) 2,4-Dichlorophenol	10.667	162	109137	40.61	ng	94
30) 1,2,4-Trichlorobenzene	10.885	180	140433	40.73	ng	98
31) Naphthalene	11.079	128	313409	40.38	ng	98
32) Benzoic acid	10.309	122	27628	25.50	ng	# 77
33) 4-Chloroaniline	11.173	127	140700	42.66	ng	# 90
34) Hexachlorobutadiene	11.355	225	116795	38.41	ng	96
35) Caprolactam	11.954	113	38119	44.66	ng	# 86
36) 4-Chloro-3-methylphenol	12.283	107	128169	43.63	ng	# 78
37) 2-Methylnaphthalene	12.665	142	248975	41.35	ng	# 91
38) 1-Methylnaphthalene	12.882	142	232872	40.92	ng	# 99
40) 1,2,4,5-Tetrachloroben...	13.029	216	179557	40.34	ng	# 97
41) Hexachlorocyclopentadiene	13.006	237	110250	45.75	ng	97
43) 2,4,6-Trichlorophenol	13.258	196	117914	41.46	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.335	196	119555	42.49	ng	#	90
46) 1,1'-Biphenyl	13.658	154	338484	40.90	ng		96
47) 2-Chloronaphthalene	13.705	162	274695	40.82	ng		93
48) 2-Nitroaniline	13.899	65	105496	42.43	ng	#	75
49) Acenaphthylene	14.545	152	414788	41.53	ng		97
50) Dimethylphthalate	14.263	163	387031	41.40	ng		99
51) 2,6-Dinitrotoluene	14.387	165	78933	41.54	ng	#	50
52) Acenaphthene	14.886	154	301482m	42.80	ng		
53) 3-Nitroaniline	14.716	138	80533	42.77	ng	#	80
54) 2,4-Dinitrophenol	14.927	184	57263	47.04	ng	#	60
55) Dibenzofuran	15.215	168	422983	41.42	ng		92
56) 4-Nitrophenol	15.015	139	63683	46.91	ng	#	30
57) 2,4-Dinitrotoluene	15.174	165	120913	42.80	ng	#	73
58) Fluorene	15.861	166	353156	40.71	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.438	232	124248	43.23	ng	#	96
60) Diethylphthalate	15.615	149	374505	41.55	ng		95
61) 4-Chlorophenyl-phenyle...	15.850	204	224586	41.09	ng		97
62) 4-Nitroaniline	15.879	138	88086	42.52	ng	#	20
63) Azobenzene	16.143	77	342193	40.72	ng		89
65) 4,6-Dinitro-2-methylph...	15.938	198	74556	43.20	ng		91
66) n-Nitrosodiphenylamine	16.061	169	326999	42.31	ng		91
67) 4-Bromophenyl-phenylether	16.743	248	153456	42.28	ng		92
68) Hexachlorobenzene	16.866	284	163204	41.45	ng		92
69) Atrazine	16.995	200	111886	34.47	ng		95
70) Pentachlorophenol	17.207	266	94923	44.25	ng		97
71) Phenanthrene	17.600	178	593340	40.75	ng		98
72) Anthracene	17.694	178	579480	41.05	ng		97
73) Carbazole	17.953	167	507002	41.02	ng		97
74) Di-n-butylphthalate	18.493	149	591772	40.62	ng	#	96
75) Fluoranthene	19.598	202	739801	37.90	ng		92
77) Benzidine	19.763	184	206122	32.39	ng		97
78) Pyrene	19.956	202	727754	42.92	ng		96
80) Butylbenzylphthalate	20.820	149	241293	41.50	ng	#	83
81) Benzo(a)anthracene	21.813	228	688209	40.48	ng		98
82) 3,3'-Dichlorobenzidine	21.719	252	240946	40.27	ng	#	99
83) Chrysene	21.884	228	652885	40.66	ng		97
84) Bis(2-ethylhexyl)phtha...	21.690	149	331859	41.41	ng		95
85) Di-n-octyl phthalate	22.941	149	561109	41.29	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.040	276	777019	40.88	ng	#	80
88) Benzo(b)fluoranthene	24.116	252	713678	41.35	ng	#	95
89) Benzo(k)fluoranthene	24.187	252	670528	40.07	ng	#	95
90) Benzo(a)pyrene	25.027	252	658138	40.98	ng	#	95
91) Dibenzo(a,h)anthracene	29.099	278	639220	41.51	ng	#	92
92) Benzo(g,h,i)perylene	30.233	276	624611	41.48	ng	#	88

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

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