

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
 Data File : BG048449.D
 Acq On : 22 Mar 2021 17:52
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

mohammad
 3/23/2021 11:21:57 AM

Quant Time: Mar 22 18:32:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 11:22:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.103	152	52032	20.00	ng	0.00
21) Naphthalene-d8	10.929	136	203994	20.00	ng	# 0.00
39) Acenaphthene-d10	14.748	164	153612	20.00	ng	0.00
64) Phenanthrene-d10	17.498	188	365909	20.00	ng	# 0.00
76) Chrysene-d12	21.793	240	355277	20.00	ng	# 0.00
86) Perylene-d12	25.124	264	362192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.647	112	257131	81.72	ng	0.00
7) Phenol-d6	7.251	99	380683	83.15	ng	0.00
23) Nitrobenzene-d5	9.272	82	392480	76.93	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	195520	78.26	ng	0.00
45) 2-Fluorobiphenyl	13.368	172	829883	77.72	ng	0.00
79) Terphenyl-d14	20.107	244	1527830	77.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	48957	36.88	ng	# 89
3) Pyridine	3.932	79	150963	40.79	ng	91
4) n-Nitrosodimethylamine	3.838	42	87349	40.62	ng	# 58
6) Aniline	7.422	93	224855	41.52	ng	91
8) 2-Chlorophenol	7.662	128	136968	41.74	ng	88
9) Benzaldehyde	7.234	77	104805	42.48	ng	85
10) Phenol	7.275	94	192048	40.93	ng	# 67
11) bis(2-Chloroethyl)ether	7.516	93	140541	42.75	ng	99
12) 1,3-Dichlorobenzene	7.992	146	162848	41.72	ng	# 86
13) 1,4-Dichlorobenzene	8.144	146	162338	41.90	ng	96
14) 1,2-Dichlorobenzene	8.462	146	155523m	41.84	ng	
15) Benzyl Alcohol	8.338	79	171072	42.09	ng	# 81
16) 2,2'-oxybis(1-Chloropr...	8.626	45	147607	39.27	ng	91
17) 2-Methylphenol	8.538	107	127043	42.71	ng	# 84
18) Hexachloroethane	9.196	117	62687	42.06	ng	95
19) n-Nitroso-di-n-propyla...	8.908	70	137045	40.33	ng	96
20) 3+4-Methylphenols	8.867	107	170965	41.95	ng	89
22) Acetophenone	8.926	105	218616	38.11	ng	# 92
24) Nitrobenzene	9.314	77	210734	38.56	ng	# 82
25) Isophorone	9.842	82	380555	38.97	ng	# 90
26) 2-Nitrophenol	10.030	139	86923	41.84	ng	# 69
27) 2,4-Dimethylphenol	10.077	122	131420	40.54	ng	91
28) bis(2-Chloroethoxy)met...	10.318	93	169408	38.27	ng	98
29) 2,4-Dichlorophenol	10.565	162	153992	40.94	ng	96
30) 1,2,4-Trichlorobenzene	10.782	180	178334	39.22	ng	98
31) Naphthalene	10.982	128	437885	38.72	ng	99
32) Benzoic acid	10.212	122	107114	42.46	ng	# 85
33) 4-Chloroaniline	11.076	127	186581	38.59	ng	# 87
34) Hexachlorobutadiene	11.258	225	140529	38.99	ng	99
35) Caprolactam	11.852	113	52415	39.03	ng	# 85
36) 4-Chloro-3-methylphenol	12.187	107	172265	39.45	ng	# 83
37) 2-Methylnaphthalene	12.580	142	338682	39.23	ng	# 94
38) 1-Methylnaphthalene	12.798	142	318174	39.19	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.945	216	219001	39.04	ng	# 97
41) Hexachlorocyclopentadiene	12.921	237	143843	39.66	ng	95
43) 2,4,6-Trichlorophenol	13.174	196	154682	40.68	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.244	196	163535	39.08	ng	#	93
46) 1,1'-Biphenyl	13.579	154	423778	38.44	ng		97
47) 2-Chloronaphthalene	13.626	162	344303	38.73	ng		94
48) 2-Nitroaniline	13.820	65	131818	40.07	ng	#	77
49) Acenaphthylene	14.472	152	555838	38.62	ng		98
50) Dimethylphthalate	14.196	163	482239	38.57	ng		98
51) 2,6-Dinitrotoluene	14.314	165	107149	39.83	ng	#	63
52) Acenaphthene	14.813	154	382488	39.54	ng		98
53) 3-Nitroaniline	14.643	138	101394	39.36	ng	#	76
54) 2,4-Dinitrophenol	14.848	184	71966	43.82	ng	#	75
55) Dibenzofuran	15.142	168	555845	38.58	ng		93
56) 4-Nitrophenol	14.936	139	91793	39.82	ng	#	42
57) 2,4-Dinitrotoluene	15.095	165	158398	41.46	ng	#	71
58) Fluorene	15.794	166	465094	38.46	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	164994	39.96	ng	#	96
60) Diethylphthalate	15.553	149	469394	38.41	ng		98
61) 4-Chlorophenyl-phenyle...	15.782	204	270674	38.91	ng		99
62) 4-Nitroaniline	15.806	138	108572	38.47	ng	#	49
63) Azobenzene	16.076	77	497105	37.38	ng		88
65) 4,6-Dinitro-2-methylph...	15.859	198	102532	44.50	ng		79
66) n-Nitrosodiphenylamine	15.994	169	433974	40.94	ng		94
67) 4-Bromophenyl-phenylether	16.681	248	190168	41.27	ng		96
68) Hexachlorobenzene	16.799	284	197043	39.90	ng		99
69) Atrazine	16.940	200	170123	39.90	ng		97
70) Pentachlorophenol	17.140	266	137237	41.81	ng		96
71) Phenanthrene	17.539	178	765599	39.61	ng		98
72) Anthracene	17.633	178	763539	39.81	ng		98
73) Carbazole	17.898	167	715415	39.12	ng		99
74) Di-n-butylphthalate	18.450	149	779528	38.51	ng	#	97
75) Fluoranthene	19.549	202	1000445	38.87	ng		95
77) Benzidine	19.719	184	467866	43.96	ng		97
78) Pyrene	19.907	202	985126	40.37	ng		98
80) Butylbenzylphthalate	20.788	149	348805	40.22	ng	#	85
81) Benzo(a)anthracene	21.770	228	993758	40.33	ng		98
82) 3,3'-Dichlorobenzidine	21.681	252	363473	40.88	ng	#	97
83) Chrysene	21.840	228	945654	40.03	ng		100
84) Bis(2-ethylhexyl)phtha...	21.670	149	480571	40.11	ng		97
85) Di-n-octyl phthalate	22.927	149	812557	40.50	ng		96
87) Indeno(1,2,3-cd)pyrene	28.938	276	1091094	39.50	ng	#	84
88) Benzo(b)fluoranthene	24.061	252	1012957	39.69	ng	#	97
89) Benzo(k)fluoranthene	24.131	252	959693	39.85	ng	#	96
90) Benzo(a)pyrene	24.966	252	927429	39.85	ng	#	97
91) Dibenzo(a,h)anthracene	29.014	278	933502	39.62	ng	#	95
92) Benzo(g,h,i)perylene	30.136	276	911649	39.87	ng	#	90

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

