

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031821\
 Data File : BG048419.D
 Acq On : 18 Mar 2021 16:32
 Operator : CG/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG031821

Manual Integrations
 APPROVED

mohammad
 3/19/2021 12:06:04 PM

Quant Time: Mar 18 17:10:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 18 16:38:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.115	152	49628	20.00	ng	0.00
21) Naphthalene-d8	10.941	136	181858	20.00	ng	# 0.00
39) Acenaphthene-d10	14.754	164	143849	20.00	ng	0.00
64) Phenanthrene-d10	17.510	188	356792	20.00	ng	# 0.00
76) Chrysene-d12	21.805	240	361751	20.00	ng	# 0.00
86) Perylene-d12	25.148	264	372733	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	239442	79.79	ng	0.00
7) Phenol-d6	7.257	99	350623	80.29	ng	0.00
23) Nitrobenzene-d5	9.284	82	367956	80.90	ng	0.00
42) 2,4,6-Tribromophenol	16.247	330	185891	79.46	ng	0.00
45) 2-Fluorobiphenyl	13.380	172	769402	76.94	ng	0.00
79) Terphenyl-d14	20.113	244	1567805	78.16	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.532	88	47710	37.68	ng	# 91
3) Pyridine	3.938	79	142892	40.48	ng	# 86
4) n-Nitrosodimethylamine	3.850	42	82632	40.28	ng	# 63
6) Aniline	7.434	93	208112	40.29	ng	# 89
8) 2-Chlorophenol	7.674	128	122016	38.99	ng	90
9) Benzaldehyde	7.246	77	103152	44.22	ng	# 73
10) Phenol	7.281	94	180271	40.29	ng	72
11) bis(2-Chloroethyl)ether	7.528	93	124364	39.66	ng	94
12) 1,3-Dichlorobenzene	8.004	146	144810	38.90	ng	# 86
13) 1,4-Dichlorobenzene	8.150	146	151680	41.04	ng	96
14) 1,2-Dichlorobenzene	8.474	146	142667m	40.24	ng	
15) Benzyl Alcohol	8.350	79	154427	39.83	ng	86
16) 2,2'-oxybis(1-Chloropr...	8.650	45	142449	39.73	ng	91
17) 2-Methylphenol	8.544	107	114714	40.43	ng	# 84
18) Hexachloroethane	9.208	117	56419	39.69	ng	97
19) n-Nitroso-di-n-propyla...	8.920	70	128703	39.71	ng	# 95
20) 3+4-Methylphenols	8.879	107	158418	40.76	ng	87
22) Acetophenone	8.938	105	202366	39.57	ng	# 89
24) Nitrobenzene	9.325	77	188435	38.67	ng	# 81
25) Isophorone	9.848	82	349399	40.13	ng	# 91
26) 2-Nitrophenol	10.042	139	73129	39.49	ng	# 60
27) 2,4-Dimethylphenol	10.089	122	116669	40.37	ng	84
28) bis(2-Chloroethoxy)met...	10.330	93	155081	39.30	ng	# 98
29) 2,4-Dichlorophenol	10.571	162	138494	41.30	ng	97
30) 1,2,4-Trichlorobenzene	10.800	180	163058	40.23	ng	93
31) Naphthalene	10.988	128	396799	39.35	ng	99
32) Benzoic acid	10.207	122	93347	41.51	ng	# 82
33) 4-Chloroaniline	11.088	127	172093	39.92	ng	# 87
34) Hexachlorobutadiene	11.276	225	127183	39.58	ng	96
35) Caprolactam	11.858	113	50630	42.29	ng	94
36) 4-Chloro-3-methylphenol	12.199	107	158408	40.69	ng	88
37) 2-Methylnaphthalene	12.592	142	310177	40.30	ng	# 93
38) 1-Methylnaphthalene	12.810	142	290879	40.19	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.957	216	198872	37.86	ng	# 96
41) Hexachlorocyclopentadiene	12.933	237	129396	38.10	ng	98
43) 2,4,6-Trichlorophenol	13.186	196	144157	40.49	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	13.256	196	148649	37.94	ng	#	93
46) 1,1'-Biphenyl	13.591	154	387286	37.51	ng		99
47) 2-Chloronaphthalene	13.638	162	315294	37.88	ng		94
48) 2-Nitroaniline	13.832	65	121995	39.60	ng	#	77
49) Acenaphthylene	14.478	152	508944	37.76	ng		99
50) Dimethylphthalate	14.202	163	448579	38.32	ng		99
51) 2,6-Dinitrotoluene	14.326	165	100214	39.78	ng	#	65
52) Acenaphthene	14.819	154	358124	39.53	ng		97
53) 3-Nitroaniline	14.655	138	93990	38.96	ng	#	73
54) 2,4-Dinitrophenol	14.854	184	62669	40.75	ng	#	70
55) Dibenzofuran	15.154	168	516957	38.32	ng	#	90
56) 4-Nitrophenol	14.948	139	86406	40.02	ng	#	45
57) 2,4-Dinitrotoluene	15.107	165	148428	41.49	ng	#	69
58) Fluorene	15.806	166	435310	38.44	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.371	232	151852	39.27	ng	#	96
60) Diethylphthalate	15.565	149	446700	39.03	ng		97
61) 4-Chlorophenyl-phenyle...	15.794	204	256307	39.34	ng		99
62) 4-Nitroaniline	15.818	138	105848	40.05	ng	#	53
63) Azobenzene	16.088	77	479177	38.48	ng		88
65) 4,6-Dinitro-2-methylph...	15.871	198	95579	42.54	ng		81
66) n-Nitrosodiphenylamine	16.006	169	409999	39.67	ng		96
67) 4-Bromophenyl-phenylether	16.693	248	173521	38.62	ng		93
68) Hexachlorobenzene	16.811	284	188489	39.15	ng		95
69) Atrazine	16.952	200	164728	39.62	ng		94
70) Pentachlorophenol	17.146	266	137917	43.09	ng		98
71) Phenanthrene	17.551	178	746283	39.60	ng		97
72) Anthracene	17.639	178	730447	39.06	ng		98
73) Carbazole	17.910	167	695617	39.01	ng		98
74) Di-n-butylphthalate	18.462	149	786316	39.84	ng	#	97
75) Fluoranthene	19.561	202	1003963	40.01	ng		96
77) Benzidine	19.731	184	418047	38.58	ng		97
78) Pyrene	19.919	202	1007601	40.55	ng		98
80) Butylbenzylphthalate	20.800	149	361580	40.95	ng	#	81
81) Benzo(a)anthracene	21.781	228	1020544	40.68	ng		99
82) 3,3'-Dichlorobenzidine	21.693	252	354898	39.20	ng	#	95
83) Chrysene	21.852	228	969594	40.31	ng		99
84) Bis(2-ethylhexyl)phtha...	21.687	149	535257	43.87	ng		98
85) Di-n-octyl phthalate	22.945	149	891909	43.66	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.973	276	1155498	40.65	ng	#	86
88) Benzo(b)fluoranthene	24.079	252	1026007	39.06	ng	#	97
89) Benzo(k)fluoranthene	24.155	252	996909	40.23	ng	#	97
90) Benzo(a)pyrene	24.989	252	963606	40.23	ng	#	96
91) Dibenzo(a,h)anthracene	29.061	278	989923	40.82	ng	#	95
92) Benzo(g,h,i)perylene	30.183	276	955186	40.60	ng	#	92

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

