

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110520\
 Data File : BG047232.D
 Acq On : 5 Nov 2020 23:43
 Operator : CG/JU
 Sample : L4641-09MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P0122-CAS001-0002-01MSD

Manual Integrations
 APPROVED

mohammad
 11/6/2020 10:32:21 AM

Quant Time: Nov 06 02:19:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG110420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 04 16:19:40 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.006	152	64319	20.00	ng	# 0.00
21) Naphthalene-d8	10.820	136	272907	20.00	ng	# 0.00
39) Acenaphthene-d10	14.645	164	196574	20.00	ng	0.00
64) Phenanthrene-d10	17.389	188	436547	20.00	ng	# 0.00
76) Chrysene-d12	21.649	240	398246	20.00	ng	# 0.00
86) Perylene-d12	24.845	264	409673	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.567	112	486013	122.48	ng	0.00
7) Phenol-d6	7.171	99	680046	118.39	ng	0.01
23) Nitrobenzene-d5	9.175	82	454667	71.50	ng	0.00
42) 2,4,6-Tribromophenol	16.131	330	363110	110.31	ng	0.00
45) 2-Fluorobiphenyl	13.264	172	1080297	70.49	ng	0.00
79) Terphenyl-d14	19.998	244	1527060	67.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.429	88	44708	22.75	ng	# 90
3) Pyridine	3.828	79	122974	23.40	ng	# 88
4) n-Nitrosodimethylamine	3.746	42	87297	33.12	ng	# 62
6) Aniline	7.330	93	127790	18.85	ng	94
8) 2-Chlorophenol	7.571	128	171476	40.70	ng	96
9) Benzaldehyde	7.136	77	45725	11.83	ng	91
10) Phenol	7.195	94	226866	41.63	ng	80
11) bis(2-Chloroethyl)ether	7.424	93	153553	35.53	ng	92
12) 1,3-Dichlorobenzene	7.894	146	185181	33.77	ng	# 91
13) 1,4-Dichlorobenzene	8.041	146	191947	34.86	ng	97
14) 1,2-Dichlorobenzene	8.364	146	187412	35.89	ng	94
15) Benzyl Alcohol	8.241	79	177111	40.12	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.529	45	236806	35.50	ng	99
17) 2-Methylphenol	8.446	107	150797	40.89	ng	# 89
18) Hexachloroethane	9.093	117	71840	35.63	ng	97
19) n-Nitroso-di-n-propyla...	8.811	70	140253	37.16	ng	93
20) 3+4-Methylphenols	8.775	107	205137	41.53	ng	90
22) Acetophenone	8.828	105	269375	34.23	ng	# 92
24) Nitrobenzene	9.216	77	217875	33.67	ng	# 88
25) Isophorone	9.733	82	379798	34.86	ng	# 94
26) 2-Nitrophenol	9.927	139	101575	36.40	ng	# 73
27) 2,4-Dimethylphenol	9.980	122	169298	45.18	ng	94
28) bis(2-Chloroethoxy)met...	10.215	93	224701	34.07	ng	96
29) 2,4-Dichlorophenol	10.462	162	189468	36.59	ng	96
30) 1,2,4-Trichlorobenzene	10.679	180	210780	33.02	ng	99
31) Naphthalene	10.867	128	533331	34.13	ng	98
32) Benzoic acid	10.092	122	50808	18.59	ng	# 86
33) 4-Chloroaniline	10.973	127	65151	9.91	ng	# 92
34) Hexachlorobutadiene	11.155	225	151111	31.29	ng	99
35) Caprolactam	11.743	113	54314m	32.10	ng	
36) 4-Chloro-3-methylphenol	12.095	107	198340	37.59	ng	92
37) 2-Methylnaphthalene	12.471	142	410786	34.98	ng	# 93
38) 1-Methylnaphthalene	12.694	142	384900m	34.49	ng	
40) 1,2,4,5-Tetrachloroben...	12.841	216	268674	34.62	ng	# 97
41) Hexachlorocyclopentadiene	12.818	237	319297	79.38	ng	99
43) 2,4,6-Trichlorophenol	13.076	196	179526	35.58	ng	95

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44) 2,4,5-Trichlorophenol	13.147	196	186163	36.34	ng	#	95
46) 1,1'-Biphenyl	13.476	154	550441	34.20	ng		97
47) 2-Chloronaphthalene	13.523	162	430646	32.80	ng		99
48) 2-Nitroaniline	13.723	65	143936	33.08	ng	#	80
49) Acenaphthylene	14.369	152	647430	33.72	ng		98
50) Dimethylphthalate	14.099	163	637769	36.74	ng		98
51) 2,6-Dinitrotoluene	14.216	165	125501	34.86	ng	#	74
52) Acenaphthene	14.710	154	416217	33.91	ng		95
53) 3-Nitroaniline	14.545	138	67386	18.80	ng		90
54) 2,4-Dinitrophenol	14.751	184	113117	48.97	ng	#	76
55) Dibenzofuran	15.039	168	675199	33.45	ng		98
56) 4-Nitrophenol	14.857	139	193357	69.65	ng	#	64
57) 2,4-Dinitrotoluene	15.003	165	171793	32.68	ng	#	85
58) Fluorene	15.691	166	547208	33.73	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.268	232	184671	34.33	ng	#	96
60) Diethylphthalate	15.456	149	560142	32.67	ng		97
61) 4-Chlorophenyl-phenyle...	15.679	204	312700	32.55	ng		97
62) 4-Nitroaniline	15.708	138	105104	27.31	ng	#	52
63) Azobenzene	15.973	77	509834	33.17	ng		91
65) 4,6-Dinitro-2-methylph...	15.767	198	104765	34.52	ng		89
66) n-Nitrosodiphenylamine	15.896	169	491810	36.62	ng		99
67) 4-Bromophenyl-phenylether	16.578	248	208219	34.15	ng		97
68) Hexachlorobenzene	16.696	284	224436	33.88	ng		98
69) Atrazine	16.842	200	167084	29.09	ng		97
70) Pentachlorophenol	17.036	266	274430	76.02	ng		95
71) Phenanthrene	17.430	178	853079	33.67	ng		98
72) Anthracene	17.524	178	865211	35.16	ng		98
73) Carbazole	17.788	167	721370	33.20	ng		99
74) Di-n-butylphthalate	18.341	149	894375	33.66	ng	#	97
75) Fluoranthene	19.439	202	991171	30.72	ng		97
77) Benzidine	19.616	184	123851	9.27	ng		97
78) Pyrene	19.798	202	987322	35.60	ng		99
80) Butylbenzylphthalate	20.679	149	355525	33.98	ng		91
81) Benzo(a)anthracene	21.631	228	969804	34.35	ng		100
82) 3,3'-Dichlorobenzidine	21.543	252	113017	11.57	ng		97
83) Chrysene	21.696	228	938475	34.54	ng		99
84) Bis(2-ethylhexyl)phtha...	21.531	149	574354	39.25	ng		96
85) Di-n-octyl phthalate	22.730	149	840008	34.15	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.482	276	1110144	35.70	ng	#	86
88) Benzo(b)fluoranthene	23.834	252	965738	34.53	ng	#	96
89) Benzo(k)fluoranthene	23.899	252	948691	34.73	ng	#	97
90) Benzo(a)pyrene	24.692	252	879085	33.68	ng	#	97
91) Dibenzo(a,h)anthracene	28.546	278	917161	36.24	ng	#	96
92) Benzo(g,h,i)perylene	29.633	276	939758	37.44	ng	#	93

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

