

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG042919\
 Data File : BG040659.D
 Acq On : 29 Apr 2019 13:33
 Operator : JU/SJ
 Sample : PB119233BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 05:38:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 30 05:31:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	69039	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	301381	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	213502	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	582627	20.00	ng	0.00
76) Chrysene-d12	21.82	240	665895	20.00	ng	0.00
87) Perylene-d12	25.20	264	488784	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	601945	153.69	ng	0.00
7) Phenol-d6	7.29	99	864822	143.41	ng	0.00
23) Nitrobenzene-d5	9.33	82	541835	83.07	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	435693	148.47	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1089624	73.71	ng	0.00
79) Terphenyl-d14	20.13	244	2122411	70.61	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.55	88	75242	42.243	ng	95
3) Pyridine	3.96	79	132364	25.638	ng	98
4) n-Nitrosodimethylamine	3.88	42	115437	40.312	ng	# 89
6) Aniline	7.48	93	229423	28.703	ng	98
8) 2-Chlorophenol	7.71	128	217038	45.384	ng	93
9) Benzaldehyde	7.29	77	11022	2.948	ng	# 73
10) Phenol	7.32	94	305737	47.165	ng	95
11) bis(2-Chloroethyl)ether	7.57	93	207259	42.637	ng	99
12) 1,3-Dichlorobenzene	8.04	146	206806	39.620	ng	98
13) 1,4-Dichlorobenzene	8.19	146	212433	40.147	ng	100
14) 1,2-Dichlorobenzene	8.51	146	207434	40.650	ng	96
15) Benzyl Alcohol	8.39	79	267945	42.703	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	385497	39.833	ng	96
17) 2-Methylphenol	8.58	107	213415	46.522	ng	96
18) Hexachloroethane	9.24	117	82430	37.976	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	208598	38.427	ng	97
20) 3+4-Methylphenols	8.91	107	288088	45.080	ng	98
22) Acetophenone	8.99	105	358256	42.748	ng	# 98
24) Nitrobenzene	9.37	77	311161	44.712	ng	95
25) Isophorone	9.89	82	579908	39.914	ng	99
26) 2-Nitrophenol	10.09	139	120898	48.465	ng	94
27) 2,4-Dimethylphenol	10.13	122	234390	50.078	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	291627	40.007	ng	99
29) 2,4-Dichlorophenol	10.61	162	248143	46.634	ng	94
30) 1,2,4-Trichlorobenzene	10.83	180	254846	43.189	ng	98
31) Naphthalene	11.03	128	671355	41.930	ng	99
32) Benzoic acid	10.27	122	173000	53.992	ng	87
33) 4-Chloroaniline	11.14	127	177047	24.939	ng	96
34) Hexachlorobutadiene	11.30	225	185824	42.656	ng	99
35) Caprolactam	11.94	113	87621m	41.708	ng	
36) 4-Chloro-3-methylphenol	12.24	107	297115	44.262	ng	97
37) 2-Methylnaphthalene	12.62	142	505868	42.256	ng	98
38) 1-Methylnaphthalene	12.84	142	483789	41.345	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	338851	42.604	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	285857	60.909	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	226598	47.146	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	245989	46.982	ng	98
46) 1,1'-Biphenyl	13.62	154	672478	40.568	ng	95
47) 2-Chloronaphthalene	13.67	162	540549	41.669	ng	99
48) 2-Nitroaniline	13.88	65	237217	51.371	ng	98
49) Acenaphthylene	14.51	152	850122	38.625	ng	99
50) Dimethylphthalate	14.23	163	737509	41.286	ng	99
51) 2,6-Dinitrotoluene	14.36	165	165354	47.429	ng	94
52) Acenaphthene	14.85	154	515072	40.185	ng	95
53) 3-Nitroaniline	14.69	138	136850	38.310	ng	# 96
54) 2,4-Dinitrophenol	14.90	184	208111	103.574	ng	# 79
55) Dibenzofuran	15.18	168	872698	41.568	ng	97
56) 4-Nitrophenol	14.99	139	300732	97.089	ng	98
57) 2,4-Dinitrotoluene	15.14	165	243496	51.399	ng	97
58) Fluorene	15.83	166	703938	41.484	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	260231	49.380	ng	100
60) Diethylphthalate	15.59	149	790505	41.943	ng	99
61) 4-Chlorophenyl-phenylether	15.81	204	425138	43.078	ng	98
62) 4-Nitroaniline	15.86	138	182901	45.772	ng	99
63) Azobenzene	16.11	77	793052	40.858	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	138317	48.154	ng	98
66) n-Nitrosodiphenylamine	16.03	169	655143	38.220	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	283274	39.025	ng	96
68) Hexachlorobenzene	16.82	284	301310	40.145	ng	97
69) Atrazine	16.97	200	257882	37.972	ng	97
70) Pentachlorophenol	17.17	266	412793	93.987	ng	97
71) Phenanthrene	17.57	178	1248039	39.770	ng	96
72) Anthracene	17.66	178	1272304	40.334	ng	98
73) Carbazole	17.94	167	1181818	41.122	ng	98
74) Di-n-butylphthalate	18.47	149	1419748	40.930	ng	97
75) Fluoranthene	19.57	202	1645709	42.082	ng	98
77) Benzidine	19.75	184	339697	18.631	ng	98
78) Pyrene	19.94	202	1601280	38.367	ng	95
80) Butylbenzylphthalate	20.81	149	677538	41.652	ng	98
81) Benzo(a)anthracene	21.80	228	1624581	38.602	ng	97
82) 3,3'-Dichlorobenzidine	21.71	252	512312	34.154	ng	99
83) Chrysene	21.87	228	1589152	39.705	ng	96
84) Bis(2-ethylhexyl)phthalate	21.68	149	940568	40.057	ng	95
85) Di-n-octyl phthalate	22.95	149	1598789	40.430	ng	99
86) Indeno(1,2,3-cd)pyrene	29.09	276	1984972	41.019	ng	# 91
88) Benzo(b)fluoranthene	24.12	252	1684540	56.398	ng	98
89) Benzo(k)fluoranthene	24.19	252	1639251	58.766	ng	97
90) Benzo(a)pyrene	25.04	252	1636043	57.865	ng	97
91) Dibenzo(a,h)anthracene	29.17	278	1649928	57.666	ng	96
92) Benzo(g,h,i)perylene	30.33	276	1649688	57.934	ng	98

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

