

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082219\
 Data File : BG042403.D
 Acq On : 22 Aug 2019 16:23
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG082219

Manual Integrations
 APPROVED

Jagrut
 8/23/2019 2:54:16 PM

Quant Time: Aug 22 17:28:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	47870	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	200401	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	150191	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	356236	20.00	ng	0.00
76) Chrysene-d12	21.69	240	355807	20.00	ng	0.00
87) Perylene-d12	24.94	264	433116	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	195305	82.63	ng	0.00
7) Phenol-d6	7.17	99	262678	82.27	ng	0.00
23) Nitrobenzene-d5	9.17	82	236009	81.38	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	178708	83.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	752370	84.72	ng	0.00
79) Terphenyl-d14	20.03	244	1355991	82.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	41894	42.472	ng	98
3) Pyridine	3.83	79	108392	42.855	ng	97
4) n-Nitrosodimethylamine	3.74	42	36449	40.347	ng	92
6) Aniline	7.32	93	175680	41.255	ng	98
8) 2-Chlorophenol	7.57	128	117559	41.040	ng	99
9) Benzaldehyde	7.14	77	60202	37.664	ng	99
10) Phenol	7.19	94	132358	40.774	ng	95
11) bis(2-Chloroethyl)ether	7.42	93	104097	40.832	ng	96
12) 1,3-Dichlorobenzene	7.89	146	148202	40.670	ng	98
13) 1,4-Dichlorobenzene	8.04	146	150163	40.682	ng	98
14) 1,2-Dichlorobenzene	8.36	146	144653	40.922	ng	99
15) Benzyl Alcohol	8.25	79	92857	40.426	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	139070	40.247	ng	99
17) 2-Methylphenol	8.45	107	95466	39.928	ng	97
18) Hexachloroethane	9.10	117	51441	40.709	ng	93
19) n-Nitroso-di-n-propylamine	8.82	70	83099	40.175	ng	96
20) 3+4-Methylphenols	8.79	107	134457	40.640	ng	99
22) Acetophenone	8.83	105	175386	40.918	ng	# 99
24) Nitrobenzene	9.22	77	119455	40.677	ng	99
25) Isophorone	9.74	82	233131	40.734	ng	98
26) 2-Nitrophenol	9.93	139	74399	40.428	ng	98
27) 2,4-Dimethylphenol	10.00	122	103194	40.707	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	147879	40.995	ng	98
29) 2,4-Dichlorophenol	10.48	162	137345	41.410	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	166005	40.777	ng	96
31) Naphthalene	10.88	128	385884	41.475	ng	98
32) Benzoic acid	10.13	122	64793	37.393	ng	97
33) 4-Chloroaniline	10.98	127	178075	41.461	ng	98
34) Hexachlorobutadiene	11.17	225	112465	41.106	ng	99
35) Caprolactam	11.75	113	45207	40.848	ng	96
36) 4-Chloro-3-methylphenol	12.12	107	129939	41.270	ng	97
37) 2-Methylnaphthalene	12.49	142	307015	41.095	ng	98
38) 1-Methylnaphthalene	12.71	142	293512	41.362	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	197600	40.969	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	99778	39.383	ng	97
43) 2,4,6-Trichlorophenol	13.10	196	134631	41.296	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	138160	40.895	ng	95
46) 1,1'-Biphenyl	13.49	154	404800	41.696	ng	99
47) 2-Chloronaphthalene	13.54	162	349753	41.780	ng	99
48) 2-Nitroaniline	13.74	65	82762	40.998	ng	98
49) Acenaphthylene	14.39	152	534519	42.442	ng	99
50) Dimethylphthalate	14.12	163	457955	42.259	ng	100
51) 2,6-Dinitrotoluene	14.23	165	104301	41.523	ng	97
52) Acenaphthene	14.73	154	319346	41.758	ng	99
53) 3-Nitroaniline	14.57	138	106549	42.414	ng	97
54) 2,4-Dinitrophenol	14.78	184	62582	40.328	ng	95
55) Dibenzofuran	15.06	168	534044	42.188	ng	100
56) 4-Nitrophenol	14.89	139	76813	43.031	ng	97
57) 2,4-Dinitrotoluene	15.03	165	151716	42.179	ng	98
58) Fluorene	15.71	166	436581	42.191	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	138697m	41.513	ng	
60) Diethylphthalate	15.48	149	445435	42.048	ng	98
61) 4-Chlorophenyl-phenylether	15.70	204	258466	41.435	ng	99
62) 4-Nitroaniline	15.73	138	111427	41.444	ng	99
63) Azobenzene	16.00	77	302488	41.671	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	91384	40.916	ng	98
66) n-Nitrosodiphenylamine	15.92	169	397416	40.566	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	183050	40.510	ng	98
68) Hexachlorobenzene	16.73	284	199816	40.678	ng	98
69) Atrazine	16.87	200	129090	37.262	ng	98
70) Pentachlorophenol	17.07	266	104029	40.760	ng	99
71) Phenanthrene	17.46	178	741251	41.891	ng	99
72) Anthracene	17.55	178	742164	42.014	ng	100
73) Carbazole	17.82	167	657764	41.780	ng	99
74) Di-n-butylphthalate	18.38	149	780070	41.916	ng	100
75) Fluoranthene	19.47	202	918416	42.529	ng	99
77) Benzidine	19.65	184	408757	40.070	ng	99
78) Pyrene	19.83	202	924384	42.375	ng	99
80) Butylbenzylphthalate	20.71	149	357350	41.649	ng	100
81) Benzo(a)anthracene	21.68	228	897059	41.445	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	359326	41.278	ng	98
83) Chrysene	21.74	228	866004	41.487	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	494717	41.528	ng	99
85) Di-n-octyl phthalate	22.80	149	857282	41.841	ng	100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1177838	41.521	ng	# 95
88) Benzo(b)fluoranthene	23.91	252	996815	41.863	ng	99
89) Benzo(k)fluoranthene	23.98	252	961219	41.997	ng	99
90) Benzo(a)pyrene	24.79	252	947705	41.944	ng	99
91) Dibenzo(a,h)anthracene	28.71	278	955530	41.768	ng	99
92) Benzo(g,h,i)perylene	29.81	276	948042	41.434	ng	99

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

