

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042619\
 Data File : BN005318.D
 Acq On : 26 Apr 2019 16:27
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02079

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:43:13 PM

Quant Time: Apr 26 22:53:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	486685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2087780	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1274581	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	3000084	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2723508	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	2456650	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	69213	6.87	ng/uL	0.00
5) Phenol-d5	6.77	99	722972	18.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	417844	17.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	567725	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	576674	19.30	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	282012	21.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	316350	24.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	606022	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	710763	23.08	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1746155	18.87	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2192877	19.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	321730	22.02	ng/ul	0.00
57) Fluorene-d10	15.23	176	1504059	19.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	287631	21.32	ng/ul	0.00
70) Anthracene-d10	17.08	188	2388190	18.99	ng/ul	0.00
78) Pyrene-d10	19.39	212	2696260	19.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2084382	19.41	ng/ul	-0.03

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	77710	7.168	ng/uL 99
4) Benzaldehyde	6.75	77	500334	18.471	ng/ul 97
6) Phenol	6.80	94	747587	19.014	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.03	93	572901	18.198	ng/ul 94
10) 2-Chlorophenol	7.16	128	577351	19.091	ng/ul 98
11) 2-Methylphenol	8.03	108	555091	18.841	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	854174	16.159	ng/ul 99
14) Acetophenone	8.40	105	908607	19.000	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.40	70	455352	17.801	ng/ul 92
16) 4-Methylphenol	8.36	108	610870	19.199	ng/ul 97
17) Hexachloroethane	8.66	117	234659	17.868	ng/ul 90
20) Nitrobenzene	8.77	77	668142	18.893	ng/ul 93
21) Isophorone	9.30	82	1274747	18.205	ng/ul 99
23) 2-Nitrophenol	9.48	139	333694	22.605	ng/ul 94
24) 2,4-Dimethylphenol	9.55	107	667860	18.069	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.78	93	782820	17.790	ng/ul 98
27) 2,4-Dichlorophenol	10.00	162	582591	19.769	ng/ul 98
28) Naphthalene	10.40	128	1825819	18.812	ng/ul 99
30) 4-Chloroaniline	10.52	127	717998	22.890	ng/ul 99
31) Hexachlorobutadiene	10.69	225	396364	19.046	ng/ul 99
32) Caprolactam	11.27	113	193725m	21.726	ng/ul
33) 4-Chloro-3-methylphenol	11.65	107	643369	19.388	ng/ul 97
34) 2-Methylnaphthalene	12.02	142	1352820	19.036	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	765647	19.410	ng/ul	98
37) Hexachlorocyclopentadiene	12.38	237	465755	17.318	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	485415	20.408	ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	522823	20.456	ng/ul	94
40) 1,1'-Biphenyl	13.06	154	1768591	18.623	ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1393535	19.079	ng/ul	96
42) 2-Nitroaniline	13.30	65	415460	21.446	ng/ul	96
44) Dimethylphthalate	13.69	163	1720688	18.664	ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	366603	23.030	ng/ul	89
47) Acenaphthylene	13.95	152	2126456	19.041	ng/ul	99
48) 3-Nitroaniline	14.13	138	361453	24.424	ng/ul#	93
49) Acenaphthene	14.29	153	1432190	18.785	ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	168487	21.728	ng/ul	92
52) 4-Nitrophenol	14.45	109	262777	19.816	ng/ul	89
53) Dibenzofuran	14.63	168	2108112	19.205	ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	531323	23.153	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.86	232	462777	21.765	ng/ul	94
56) Diethylphthalate	15.07	149	1718175	18.586	ng/ul	98
58) Fluorene	15.29	166	1675432	19.560	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.29	204	876030	19.280	ng/ul	96
60) 4-Nitroaniline	15.30	138	431580	23.392	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.37	198	294081	20.478	ng/ul	95
64) N-Nitrosodiphenylamine	15.50	169	1485399	18.090	ng/ul	99
65) 4-Bromophenyl-phenylether	16.18	248	557991	18.462	ng/ul	96
66) Hexachlorobenzene	16.29	284	606784	18.854	ng/ul	97
67) Atrazine	16.46	200	566882	18.545	ng/ul	98
68) Pentachlorophenol	16.63	266	385184	20.440	ng/ul	98
69) Phenanthrene	17.03	178	2733788	18.711	ng/ul	100
71) Anthracene	17.12	178	2812411	18.895	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	789506	18.017	ng/uL	99
73) Pentachlorobenzene	14.55	250	721096	18.284	ng/uL	98
74) Carbazole	17.39	167	2545889	19.912	ng/ul	99
75) Di-n-butylphthalate	17.97	149	2975818	18.550	ng/ul	99
76) Fluoranthene	19.06	202	3277839	20.226	ng/ul	99
79) Pvrene	19.42	202	3343771	19.068	ng/ul	99
80) Butylbenzylphthalate	20.36	149	1374335	19.795	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.14	252	1076673	19.787	ng/ul	97
82) Benzo(a)anthracene	21.20	228	3239457	19.120	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	1888353	17.664	ng/ul	98
84) Chrysene	21.25	228	3006028	19.117	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	3377440	22.447	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2666377	19.308	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	2746301	20.823	ng/ul	99
90) Benzo(a)pyrene	23.32	252	2514791	19.374	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.60	276	2543184	17.721	ng/ul	99
92) Dibenzo(a,h)anthracene	25.61	278	2184083	17.933	ng/ul	99
93) Benzo(g,h,i)perylene	26.26	276	1873378	15.787	ng/ul	99

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

