

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052819\
 Data File : BN005908.D
 Acq On : 28 May 2019 23:15
 Operator : JU/SJ
 Sample : SSTD02083
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02083

Manual Integrations
 APPROVED

Sohil
 5/29/2019 6:35:54 AM

Quant Time: May 29 00:11:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 00:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	428219	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2027824	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1204811	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2640783	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2372821	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2761264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	86734	11.34	ng/uL	0.00
5) Phenol-d5	6.89	99	839126	25.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	483257	27.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	635593	23.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	674874	23.85	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	285465	19.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	259432	15.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	636306	19.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	860900	23.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1985261	21.41	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2504429	22.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	345403	26.45	ng/ul	0.00
57) Fluorene-d10	15.36	176	1655245	20.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	205461	12.94	ng/ul	0.00
70) Anthracene-d10	17.22	188	2540321	22.27	ng/ul	0.00
78) Pyrene-d10	19.52	212	2708193	23.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	2759417	22.28	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.30	88	91637	11.381	ng/uL	93
4) Benzaldehyde	6.88	77	577097	24.090	ng/ul	99
6) Phenol	6.92	94	869082	25.762	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.16	93	676210	27.354	ng/ul	91
10) 2-Chlorophenol	7.29	128	647283	24.020	ng/ul	94
11) 2-Methylphenol	8.16	108	665394	24.842	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	903221	27.786	ng/ul#	93
14) Acetophenone	8.55	105	1060665	23.409	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	555218	25.376	ng/ul#	87
16) 4-Methylphenol	8.49	108	735865	24.961	ng/ul	97
17) Hexachloroethane	8.80	117	255310	22.080	ng/ul	86
20) Nitrobenzene	8.92	77	738863	21.715	ng/ul	95
21) Isophorone	9.45	82	1622480	23.916	ng/ul	98
23) 2-Nitrophenol	9.63	139	315377	17.823	ng/ul	94
24) 2,4-Dimethylphenol	9.69	107	786500	21.523	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.93	93	979820	25.543	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	630930	20.215	ng/ul	99
28) Naphthalene	10.56	128	2139371	22.085	ng/ul	99
30) 4-Chloroaniline	10.67	127	872799	23.959	ng/ul	100
31) Hexachlorobutadiene	10.85	225	346316	15.212	ng/ul	98
32) Caprolactam	11.43	113	246522m	21.557	ng/ul	
33) 4-Chloro-3-methylphenol	11.79	107	757408	21.454	ng/ul	94
34) 2-Methylnaphthalene	12.17	142	1567134	20.948	ng/ul	97

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052819\
 Data File : BN005908.D
 Acq On : 28 May 2019 23:15
 Operator : JU/SJ
 Sample : SSTD02083
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02083

Manual Integrations
 APPROVED

Sohil
 5/29/2019 6:35:54 AM

Quant Time: May 29 00:11:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 00:03:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	728020	18.768	ng/ul	98
37) Hexachlorocyclopentadiene	12.53	237	412594	34.129	ng/ul	97
38) 2,4,6-Trichlorophenol	12.79	196	474799	19.774	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	516655	20.483	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	2032304	23.198	ng/ul	97
41) 2-Chloronaphthalene	13.24	162	1523412	22.016	ng/ul	98
42) 2-Nitroaniline	13.45	65	394770	19.791	ng/ul	87
44) Dimethylphthalate	13.83	163	1966836	21.519	ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	345934	17.962	ng/ul	99
47) Acenaphthylene	14.09	152	2459108	22.672	ng/ul	99
48) 3-Nitroaniline	14.27	138	361347	21.293	ng/ul	94
49) Acenaphthene	14.43	153	1656821	22.545	ng/ul	100
50) 2,4-Dinitrophenol	14.48	184	113236	11.426	ng/ul	92
52) 4-Nitrophenol	14.57	109	274288	22.489	ng/ul	82
53) Dibenzofuran	14.77	168	2337675	21.440	ng/ul	98
54) 2,4-Dinitrotoluene	14.73	165	517903	17.945	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.99	232	421709	18.006	ng/ul	93
56) Diethylphthalate	15.20	149	2040479	22.058	ng/ul	100
58) Fluorene	15.42	166	1838335	20.728	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	874320	18.070	ng/ul	96
60) 4-Nitroaniline	15.44	138	450310	23.802	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.50	198	239113	15.038	ng/ul#	97
64) N-Nitrosodiphenylamine	15.63	169	1668587	24.414	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	554927	20.067	ng/ul	98
66) Hexachlorobenzene	16.42	284	588853	18.981	ng/ul	95
67) Atrazine	16.59	200	599849	20.916	ng/ul	99
68) Pentachlorophenol	16.77	266	334565	23.375	ng/ul	98
69) Phenanthrene	17.16	178	2958377	22.600	ng/ul	99
71) Anthracene	17.25	178	3009449	22.579	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	752453	21.254	ng/uL	98
73) Pentachlorobenzene	14.69	250	689616	19.750	ng/uL	99
74) Carbazole	17.52	167	2836691	24.140	ng/ul	99
75) Di-n-butylphthalate	18.09	149	3571295	25.442	ng/ul	100
76) Fluoranthene	19.19	202	3388756	20.939	ng/ul#	94
79) Pvrene	19.55	202	3438050	23.595	ng/ul#	93
80) Butylbenzylphthalate	20.47	149	1550265	25.969	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	1156369	23.200	ng/ul	99
82) Benzo(a)anthracene	21.32	228	3360080	22.478	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	2289727	27.034	ng/ul	99
84) Chrysene	21.37	228	3142013	22.296	ng/ul	100
86) Di-n-octyl phthalate	22.15	149	4068761	27.616	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	3498559	23.031	ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	3214726	21.871	ng/ul#	98
90) Benzo(a)pyrene	23.50	252	3297999	22.420	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.87	276	3842902	21.368	ng/ul#	91
92) Dibenzo(a,h)anthracene	25.89	278	3212286	21.219	ng/ul	97
93) Benzo(g,h,i)perylene	26.57	276	3210773	21.358	ng/ul#	93

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

