

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005789.D
 Acq On : 19 May 2019 13:12
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02084

Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:11:28 PM

Quant Time: May 20 05:56:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 20 03:44:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	101061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	444485	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	304177	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.97	188	762015	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	840638	20.00	ng/ul	-0.01
85) Perylene-d12	23.41	264	974099	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	16527	9.16	ng/uL	0.00
5) Phenol-d5	6.76	99	158445	20.29	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	87547	21.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	134479	21.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	131787	19.73	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	68055	21.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	76352	20.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	157937	22.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	164557	20.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	515429	22.02	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	625311	21.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	61243	18.58	ng/ul	0.00
57) Fluorene-d10	15.21	176	446390	22.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	85226	18.61	ng/ul	-0.01
70) Anthracene-d10	17.07	188	738864	22.44	ng/ul	0.00
78) Pyrene-d10	19.38	212	868944	20.98	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.27	264	968639	22.17	ng/ul	-0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.22	88	16412	8.636	ng/uL	91
4) Benzaldehyde	6.73	77	114505	20.253	ng/ul	99
6) Phenol	6.79	94	161088	20.233	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.00	93	123757	21.212	ng/ul	92
10) 2-Chlorophenol	7.14	128	132572	20.845	ng/ul	94
11) 2-Methylphenol	8.02	108	127933	20.238	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.09	45	161793	21.090	ng/ul#	90
14) Acetophenone	8.39	105	221832	20.745	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	104677	20.272	ng/ul#	91
16) 4-Methylphenol	8.35	108	139044	19.985	ng/ul	96
17) Hexachloroethane	8.62	117	60126	22.033	ng/ul	82
20) Nitrobenzene	8.76	77	162930	21.845	ng/ul	96
21) Isophorone	9.28	82	308228	20.728	ng/ul	95
23) 2-Nitrophenol	9.46	139	79239	20.429	ng/ul#	94
24) 2,4-Dimethylphenol	9.53	107	171455	21.406	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.76	93	178156	21.188	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	151365	22.125	ng/ul	96
28) Naphthalene	10.38	128	457974	21.569	ng/ul	99
30) 4-Chloroaniline	10.50	127	167460	20.972	ng/ul	97
31) Hexachlorobutadiene	10.66	225	118872	23.822	ng/ul	97
32) Caprolactam	11.27	113	41611m	16.600	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	159410	20.600	ng/ul	94
34) 2-Methylnaphthalene	12.00	142	357078	21.776	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	229059	23.390	ng/ul	97
37) Hexachlorocyclopentadiene	12.35	237	73303	24.017	ng/ul	94
38) 2,4,6-Trichlorophenol	12.64	196	133908	22.089	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	135464	21.272	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	494679	22.365	ng/ul#	97
41) 2-Chloronaphthalene	13.07	162	390032	22.326	ng/ul	97
42) 2-Nitroaniline	13.30	65	102296	20.314	ng/ul	91
44) Dimethylphthalate	13.67	163	505073	21.888	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	102036	20.984	ng/ul	94
47) Acenaphthylene	13.93	152	598958	21.873	ng/ul	99
48) 3-Nitroaniline	14.14	138	86386	20.163	ng/ul	92
49) Acenaphthene	14.27	153	406923	21.932	ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	35713	14.273	ng/ul	89
52) 4-Nitrophenol	14.47	109	63729	20.696	ng/ul	91
53) Dibenzofuran	14.61	168	618506	22.469	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	157457	21.609	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	14.85	232	133785	22.626	ng/ul	95
56) Diethylphthalate	15.05	149	508112	21.756	ng/ul	98
58) Fluorene	15.26	166	492496	21.995	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	275578	22.560	ng/ul	99
60) 4-Nitroaniline	15.31	138	97098	20.328	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.39	198	85815	18.704	ng/ul#	94
64) N-Nitrosodiphenylamine	15.48	169	430915	21.850	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	178683	22.393	ng/ul	96
66) Hexachlorobenzene	16.28	284	206521	23.070	ng/ul#	89
67) Atrazine	16.45	200	175208	21.172	ng/ul	97
68) Pentachlorophenol	16.63	266	78157	18.924	ng/ul	97
69) Phenanthrene	17.01	178	832723	22.046	ng/ul	100
71) Anthracene	17.10	178	852167	22.157	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	238583	23.354	ng/uL	98
73) Pentachlorobenzene	14.53	250	233848	23.209	ng/uL	97
74) Carbazole	17.38	167	729372	21.510	ng/ul	99
75) Di-n-butylphthalate	17.95	149	863297	21.314	ng/ul	99
76) Fluoranthene	19.05	202	1045440	22.386	ng/ul#	90
79) Pvrene	19.42	202	1080167	20.924	ng/ul#	88
80) Butylbenzylphthalate	20.33	149	396014	18.725	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.12	252	330830	18.735	ng/ul#	97
82) Benzo(a)anthracene	21.19	228	1153524	21.781	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.12	149	581589	19.382	ng/ul#	99
84) Chrysene	21.24	228	1090348	21.840	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	1062943	20.451	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	1208134	22.544	ng/ul#	95
88) Benzo(k)fluoranthene	22.80	252	1165970	22.486	ng/ul#	96
90) Benzo(a)pyrene	23.31	252	1155632	22.270	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.60	276	1336281	21.063	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.61	278	1128875	21.138	ng/ul#	93
93) Benzo(g,h,i)perylene	26.27	276	1098454	20.713	ng/ul#	91

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

