

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051819\
 Data File : BN005753.D
 Acq On : 18 May 2019 15:18
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02081

Manual Integrations
 APPROVED

Sohil
 5/21/2019 7:10:12 PM

Quant Time: May 20 04:20:25 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	7.58	152	102962	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	461706	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	324608	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	789887	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	840770	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	944940	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	15322	8.33	ng/uL	0.00
5) Phenol-d5	6.76	99	166631	20.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	91763	22.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	139544	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	142105	20.88	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	75034	22.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	86407	22.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	166891	22.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	179798	21.92	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	544099	21.78	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	661383	21.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	73757	20.96	ng/ul	0.00
57) Fluorene-d10	15.22	176	463266	21.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	100667	21.20	ng/ul	0.00
70) Anthracene-d10	17.07	188	773261	22.66	ng/ul	0.00
78) Pyrene-d10	19.39	212	909971	21.96	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	935662	22.07	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.22	88	16497	8.521	ng/uL#	89
4) Benzaldehyde	6.73	77	119487	20.744	ng/ul	96
6) Phenol	6.79	94	170460	21.015	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.01	93	130926	22.027	ng/ul	90
10) 2-Chlorophenol	7.15	128	139713	21.563	ng/ul	94
11) 2-Methylphenol	8.02	108	136058	21.126	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.09	45	173469	22.194	ng/ul#	94
14) Acetophenone	8.39	105	236035	21.665	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	115504	21.956	ng/ul#	91
16) 4-Methylphenol	8.35	108	150193	21.189	ng/ul	96
17) Hexachloroethane	8.63	117	60361	21.710	ng/ul	86
20) Nitrobenzene	8.76	77	172705	22.292	ng/ul	96
21) Isophorone	9.28	82	342161	22.152	ng/ul	96
23) 2-Nitrophenol	9.47	139	89860	22.303	ng/ul	99
24) 2,4-Dimethylphenol	9.53	107	183624	22.070	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	194481	22.267	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	159420	22.434	ng/ul	97
28) Naphthalene	10.38	128	481304	21.822	ng/ul	98
30) 4-Chloroaniline	10.51	127	181640	21.899	ng/ul	98
31) Hexachlorobutadiene	10.66	225	116209	22.420	ng/ul	98
32) Caprolactam	11.27	113	56525m	21.709	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	177002	22.020	ng/ul	95
34) 2-Methylnaphthalene	12.00	142	368073	21.610	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	231078	22.111	ng/ul	98
37) Hexachlorocyclopentadiene	12.36	237	72138	22.148	ng/ul	97
38) 2,4,6-Trichlorophenol	12.64	196	139754	21.603	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	148060	21.787	ng/ul	98
40) 1,1'-Biphenyl	13.04	154	520622	22.057	ng/ul#	97
41) 2-Chloronaphthalene	13.08	162	405894	21.771	ng/ul	96
42) 2-Nitroaniline	13.30	65	119762	22.285	ng/ul	92
44) Dimethylphthalate	13.67	163	540977	21.968	ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	113249	21.825	ng/ul	92
47) Acenaphthylene	13.93	152	641310	21.946	ng/ul	99
48) 3-Nitroaniline	14.14	138	99748	21.816	ng/ul	91
49) Acenaphthene	14.27	153	433803	21.909	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	52192	19.546	ng/ul	91
52) 4-Nitrophenol	14.47	109	66323	20.183	ng/ul	95
53) Dibenzofuran	14.62	168	645753	21.982	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	172161	22.140	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.86	232	139202	22.060	ng/ul	91
56) Diethylphthalate	15.05	149	542112	21.751	ng/ul	97
58) Fluorene	15.27	166	525220	21.980	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	286213	21.956	ng/ul	97
60) 4-Nitroaniline	15.32	138	111049	21.786	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.39	198	103043	21.666	ng/ul#	95
64) N-Nitrosodiphenylamine	15.49	169	465493	22.771	ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	185105	22.379	ng/ul	95
66) Hexachlorobenzene	16.29	284	208302	22.448	ng/ul#	92
67) Atrazine	16.45	200	192979	22.497	ng/ul	98
68) Pentachlorophenol	16.64	266	86795	20.273	ng/ul	98
69) Phenanthrene	17.02	178	866348	22.126	ng/ul	100
71) Anthracene	17.11	178	898236	22.531	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	240486	22.710	ng/ul	97
73) Pentachlorobenzene	14.55	250	235638	22.562	ng/ul	100
74) Carbazole	17.39	167	790742	22.497	ng/ul	99
75) Di-n-butylphthalate	17.95	149	954181	22.726	ng/ul	100
76) Fluoranthene	19.06	202	1102051	22.766	ng/ul#	92
79) Pvrene	19.42	202	1125406	21.797	ng/ul#	90
80) Butylbenzylphthalate	20.34	149	459852	21.740	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.13	252	399776	22.636	ng/ul#	98
82) Benzo(a)anthracene	21.20	228	1172557	22.137	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	654933	21.823	ng/ul#	99
84) Chrysene	21.25	228	1102121	22.072	ng/ul	99
86) Di-n-octyl phthalate	22.02	149	1144486	22.700	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	1183438	22.765	ng/ul#	95
88) Benzo(k)fluoranthene	22.82	252	1094801	21.765	ng/ul#	97
90) Benzo(a)pyrene	23.34	252	1113900	22.128	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.64	276	1335318	21.697	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.64	278	1131042	21.832	ng/ul#	94
93) Benzo(g,h,i)perylene	26.31	276	1111768	21.611	ng/ul#	90

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

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