

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005403.D
 Acq On : 01 May 2019 10:44
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02089

Manual Integrations
 APPROVED

Sohil
 5/2/2019 4:57:08 PM

Quant Time: May 01 23:25:21 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	506071	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2182209	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1359773	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	3126749	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2442471	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	2234302	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	66807	6.37	ng/uL	0.00
5) Phenol-d5	6.78	99	723293	18.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	400945	16.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	581617	19.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	578002	18.60	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	286932	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	327459	24.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	621759	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	654127	20.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1771260	17.94	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2241356	18.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	313052	20.09	ng/ul	0.00
57) Fluorene-d10	15.23	176	1543328	18.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	283537	20.16	ng/ul	0.00
70) Anthracene-d10	17.08	188	2381858	18.17	ng/ul	0.00
78) Pyrene-d10	19.39	212	2563843	20.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1836464	18.81	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	73164	6.490	ng/uL 99
4) Benzaldehyde	6.75	77	493732	17.529	ng/ul 96
6) Phenol	6.80	94	736504	18.015	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.03	93	563602	17.217	ng/ul 91
10) 2-Chlorophenol	7.16	128	588131	18.702	ng/ul 96
11) 2-Methylphenol	8.03	108	568079	18.543	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	794426	14.453	ng/ul 97
14) Acetophenone	8.40	105	910515	18.311	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.40	70	451409	16.971	ng/ul 89
16) 4-Methylphenol	8.36	108	620499	18.755	ng/ul 97
17) Hexachloroethane	8.65	117	237822	17.415	ng/ul 93
20) Nitrobenzene	8.77	77	667941	18.070	ng/ul 95
21) Isophorone	9.30	82	1283241	17.534	ng/ul 97
23) 2-Nitrophenol	9.48	139	343811	22.283	ng/ul 94
24) 2,4-Dimethylphenol	9.55	107	686007	17.757	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.78	93	776104	16.874	ng/ul 97
27) 2,4-Dichlorophenol	10.01	162	608400	19.751	ng/ul 97
28) Naphthalene	10.40	128	1849128	18.227	ng/ul 99
30) 4-Chloroaniline	10.52	127	658650	20.090	ng/ul 100
31) Hexachlorobutadiene	10.69	225	414344	19.048	ng/ul 99
32) Caprolactam	11.27	113	203510m	21.836	ng/ul
33) 4-Chloro-3-methylphenol	11.65	107	656886	18.939	ng/ul 97
34) 2-Methylnaphthalene	12.02	142	1374188	18.500	ng/ul 97

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36) 1,2,4,5-Tetrachlorobenzene	12.40	216	793621	18.859	ng/ul	96
37) Hexachlorocyclopentadiene	12.37	237	448771	15.641	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	511321	20.151	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	547867	20.093	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1800629	17.772	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1395301	17.906	ng/ul	97
42) 2-Nitroaniline	13.30	65	413873	20.025	ng/ul#	84
44) Dimethylphthalate	13.69	163	1758484	17.879	ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	381987	22.493	ng/ul	87
47) Acenaphthylene	13.95	152	2163581	18.159	ng/ul	99
48) 3-Nitroaniline	14.14	138	345361	21.875	ng/ul#	90
49) Acenaphthene	14.29	153	1468162	18.050	ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	170404	20.599	ng/ul	88
52) 4-Nitrophenol	14.46	109	249864	17.662	ng/ul	88
53) Dibenzofuran	14.63	168	2134284	18.225	ng/ul	96
54) 2,4-Dinitrotoluene	14.60	165	543211	22.188	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	14.86	232	493973	21.776	ng/ul	94
56) Diethylphthalate	15.07	149	1775236	18.000	ng/ul	98
58) Fluorene	15.28	166	1687511	18.467	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.28	204	899651	18.559	ng/ul	98
60) 4-Nitroaniline	15.31	138	409311	20.795	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.37	198	293830	19.632	ng/ul#	89
64) N-Nitrosodiphenylamine	15.50	169	1527662	17.851	ng/ul	100
65) 4-Bromophenyl-phenylether	16.17	248	591290	18.771	ng/ul	97
66) Hexachlorobenzene	16.29	284	651386	19.420	ng/ul	94
67) Atrazine	16.46	200	592094	18.585	ng/ul	98
68) Pentachlorophenol	16.63	266	380845	19.391	ng/ul	98
69) Phenanthrene	17.02	178	2741940	18.006	ng/ul	100
71) Anthracene	17.12	178	2805503	18.085	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	814160	17.827	ng/ul	98
73) Pentachlorobenzene	14.55	250	761891	18.535	ng/ul	99
74) Carbazole	17.39	167	2493034	18.709	ng/ul	99
75) Di-n-butylphthalate	17.97	149	3092260	18.495	ng/ul	100
76) Fluoranthene	19.06	202	3175497	18.801	ng/ul	97
79) Pvrene	19.42	202	3174205	20.184	ng/ul	97
80) Butylbenzylphthalate	20.35	149	1395972	22.420	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	913961	18.729	ng/ul	98
82) Benzo(a)anthracene	21.20	228	2815980	18.533	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	2029844	21.172	ng/ul#	98
84) Chrysene	21.25	228	2566935	18.203	ng/ul	98
86) Di-n-octyl phthalate	22.03	149	3329778	24.333	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2341476	18.643	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	2247574	18.737	ng/ul	98
90) Benzo(a)pyrene	23.32	252	2198359	18.622	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.60	276	2461398	18.858	ng/ul	98
92) Dibenzo(a,h)anthracene	25.62	278	2076821	18.749	ng/ul	97
93) Benzo(g,h,i)perylene	26.27	276	2013387	18.656	ng/ul	96

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

