

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050619\
 Data File : BN005484.D
 Acq On : 06 May 2019 09:36
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02097

Manual Integrations
 APPROVED

mohammad
 5/7/2019 3:12:49 PM

Quant Time: May 07 05:34:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	255316	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1138060	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	744399	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	1811539	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1446249	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	1341033	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.21	96	34024	6.43	ng/uL	0.00
5) Phenol-d5	6.78	99	368534	18.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	203910	16.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	296964	19.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	312051	19.91	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	160952	22.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	172960	24.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	345942	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	370786	22.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1067201	19.75	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1350728	20.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	164770	19.31	ng/ul	0.00
57) Fluorene-d10	15.22	176	939666	20.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	161802	19.86	ng/ul	0.00
70) Anthracene-d10	17.08	188	1497425	19.72	ng/ul	0.00
78) Pyrene-d10	19.39	212	1628620	22.01	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	1177149	20.09	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	37304	6.559	ng/uL 97
4) Benzaldehyde	6.75	77	252481	17.768	ng/ul 99
6) Phenol	6.80	94	381175	18.480	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.03	93	291560	17.654	ng/ul 95
10) 2-Chlorophenol	7.16	128	307570	19.386	ng/ul 95
11) 2-Methylphenol	8.03	108	295114	19.094	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	410561	14.806	ng/ul 96
14) Acetophenone	8.40	105	502936	20.048	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.39	70	246860	18.396	ng/ul# 89
16) 4-Methylphenol	8.35	108	328686	19.692	ng/ul 97
17) Hexachloroethane	8.65	117	126493	18.360	ng/ul 92
20) Nitrobenzene	8.78	77	368346	19.108	ng/ul 91
21) Isophorone	9.29	82	718082	18.814	ng/ul 97
23) 2-Nitrophenol	9.48	139	184231	22.895	ng/ul 98
24) 2,4-Dimethylphenol	9.54	107	381230	18.921	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.78	93	426751	17.792	ng/ul 97
27) 2,4-Dichlorophenol	10.00	162	339168	21.113	ng/ul 98
28) Naphthalene	10.40	128	1041958	19.694	ng/ul 98
30) 4-Chloroaniline	10.51	127	374778	21.919	ng/ul 100
31) Hexachlorobutadiene	10.69	225	232572	20.501	ng/ul 97
32) Caprolactam	11.27	113	111406m	22.921	ng/ul
33) 4-Chloro-3-methylphenol	11.65	107	366667	20.270	ng/ul 95
34) 2-Methylnaphthalene	12.02	142	790888	20.416	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	469887	20.397	ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	212903	13.555	ng/ul	100
38) 2,4,6-Trichlorophenol	12.65	196	291168	20.960	ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	313655	21.012	ng/ul	96
40) 1,1'-Biphenyl	13.05	154	1059255	19.098	ng/ul	97
41) 2-Chloronaphthalene	13.09	162	825554	19.353	ng/ul	97
42) 2-Nitroaniline	13.30	65	238116	21.046	ng/ul	90
44) Dimethylphthalate	13.69	163	1063857	19.758	ng/ul	100
45) 2,6-Dinitrotoluene	13.81	165	222733	23.957	ng/ul	89
47) Acenaphthylene	13.94	152	1296364	19.875	ng/ul	98
48) 3-Nitroaniline	14.14	138	202490	23.428	ng/ul#	85
49) Acenaphthene	14.29	153	870424	19.548	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	76461	16.884	ng/ul	89
52) 4-Nitrophenol	14.46	109	137911	17.807	ng/ul	96
53) Dibenzofuran	14.63	168	1294685	20.195	ng/ul	96
54) 2,4-Dinitrotoluene	14.60	165	325229	24.266	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.86	232	285267	22.972	ng/ul	91
56) Diethylphthalate	15.06	149	1065019	19.726	ng/ul	99
58) Fluorene	15.28	166	1046470	20.919	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.28	204	555165	20.920	ng/ul	96
60) 4-Nitroaniline	15.30	138	248594	23.071	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.37	198	172843	19.932	ng/ul	93
64) N-Nitrosodiphenylamine	15.50	169	924892	18.654	ng/ul	100
65) 4-Bromophenyl-phenylether	16.17	248	366620	20.089	ng/ul	95
66) Hexachlorobenzene	16.29	284	401574	20.664	ng/ul	93
67) Atrazine	16.46	200	358916	19.445	ng/ul	98
68) Pentachlorophenol	16.63	266	204069	17.934	ng/ul	98
69) Phenanthrene	17.02	178	1705647	19.333	ng/ul	100
71) Anthracene	17.11	178	1753485	19.510	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	486519	18.387	ng/uL	98
73) Pentachlorobenzene	14.55	250	459035	19.275	ng/uL	99
74) Carbazole	17.39	167	1535078	19.883	ng/ul	99
75) Di-n-butylphthalate	17.96	149	1847537	19.073	ng/ul	99
76) Fluoranthene	19.06	202	2025646	20.700	ng/ul#	94
79) Pvrene	19.42	202	2020421	21.697	ng/ul	95
80) Butylbenzylphthalate	20.35	149	808806	21.938	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.14	252	533170	18.452	ng/ul#	97
82) Benzo(a)anthracene	21.20	228	1764142	19.608	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.15	149	1170704	20.622	ng/ul#	96
84) Chrysene	21.25	228	1637150	19.606	ng/ul	100
86) Di-n-octyl phthalate	22.03	149	1895065	23.073	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	1485536	19.706	ng/ul#	97
88) Benzo(k)fluoranthene	22.81	252	1475361m	20.492	ng/ul	
90) Benzo(a)pyrene	23.33	252	1408526	19.879	ng/ul#	98
91) Indeno(1,2,3-cd)pyrene	25.61	276	1544293	19.713	ng/ul	96
92) Dibenzo(a,h)anthracene	25.62	278	1305199	19.632	ng/ul#	96
93) Benzo(g,h,i)perylene	26.27	276	1263384	19.504	ng/ul#	94

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

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