

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030119\
 Data File : BN004571.D
 Acq On : 01 Mar 2019 11:25
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02090

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:53 PM

Quant Time: Mar 02 03:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 01 04:12:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	28570	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.52	136	139783	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.37	164	88972	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.12	188	209995	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	262317	20.00	ng/ul	0.00
86) Perylene-d12	23.58	264	291824	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	4201	8.84	ng/uL	-0.01
5) Phenol-d5	6.89	99	50241	19.73	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.07	67	26237	20.54	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	42824	20.74	ng/ul	-0.02
13) 4-Methylphenol-d8	8.43	113	43319	19.79	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	20852	22.54	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	23374	24.20	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.13	165	47593	21.73	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	56058	23.15	ng/ul	-0.02
44) Dimethylphthalate-d6	13.78	166	152566	20.22	ng/ul	-0.02
47) Acenaphthylene-d8	14.06	160	188026	21.04	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.57	143	28537	19.76	ng/ul	-0.01
58) Fluorene-d10	15.36	176	133481	20.10	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.49	200	25342	20.69	ng/ul	-0.01
71) Anthracene-d10	17.22	188	210358	20.90	ng/ul	-0.02
79) Pyrene-d10	19.52	212	241655	20.55	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	315835	20.62	ng/ul	-0.02

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.27	88	4805m	8.218	ng/uL
4) Benzaldehyde	6.88	77	30648	20.968	ng/ul
6) Phenol	6.92	94	50810	19.986	ng/ul
8) Bis(2-Chloroethyl)ether	7.16	93	37220	20.467	ng/ul
10) 2-Chlorophenol	7.29	128	42491	20.669	ng/ul
11) 2-Methylphenol	8.16	108	40156	19.748	ng/ul
12) 2,2'-oxybis(1-Chloropropan	8.26	45	45089m	20.919	ng/ul
14) Acetophenone	8.55	105	65935	20.216	ng/ul
15) N-Nitroso-di-n-propylamine	8.53	70	29874	21.352	ng/ul
16) 4-Methylphenol	8.49	108	45077	20.029	ng/ul
17) Hexachloroethane	8.79	117	15257	21.197	ng/ul
20) Nitrobenzene	8.93	77	44124	21.794	ng/ul
21) Isophorone	9.45	82	89563	21.595	ng/ul
23) 2-Nitrophenol	9.63	139	25522	23.554	ng/ul
24) 2,4-Dimethylphenol	9.69	107	52331	21.411	ng/ul
25) Bis(2-Chloroethoxy)methane	9.93	93	56006	20.812	ng/ul
27) 2,4-Dichlorophenol	10.16	162	46541	21.524	ng/ul
28) Naphthalene	10.56	128	147789	20.506	ng/ul
30) 4-Chloroaniline	10.68	127	56097	23.139	ng/ul
31) Hexachlorobutadiene	10.83	225	29157	20.857	ng/ul
32) Caprolactam	11.45	113	14567m	19.951	ng/ul
33) 4-Chloro-3-methylphenol	11.80	107	50356	21.593	ng/ul
34) 2-Methylnaphthalene	12.18	142	112252	20.305	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	109378	20.063	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	61339	20.710	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	31408	17.056	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	39183	22.389	ng/ul	98
40) 2,4,5-Trichlorophenol	12.86	196	43564	22.159	ng/ul	97
41) 1,1'-Biphenyl	13.20	154	147237	20.481	ng/ul	99
42) 2-Chloronaphthalene	13.24	162	114680	20.508	ng/ul	99
43) 2-Nitroaniline	13.46	65	27063	23.709	ng/ul	100
45) Dimethylphthalate	13.83	163	150567	20.185	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	29764	22.632	ng/ul	96
48) Acenaphthylene	14.09	152	177082	20.862	ng/ul	99
49) 3-Nitroaniline	14.29	138	30006	22.356	ng/ul	99
50) Acenaphthene	14.43	153	125358	20.502	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	14808	18.098	ng/ul	98
53) 4-Nitrophenol	14.59	109	21252	19.786	ng/ul	97
54) Dibenzofuran	14.77	168	177781	20.100	ng/ul	98
55) 2,4-Dinitrotoluene	14.74	165	45059	21.841	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.99	232	39239	21.875	ng/ul	99
57) Diethylphthalate	15.19	149	149514	20.312	ng/ul	99
59) Fluorene	15.42	166	144020	20.094	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.42	204	76232	20.100	ng/ul	98
61) 4-Nitroaniline	15.45	138	36546	20.921	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.50	198	26716	20.752	ng/ul	96
65) N-Nitrosodiphenylamine	15.63	169	127758	21.244	ng/ul	99
66) 4-Bromophenyl-phenylether	16.31	248	49702	21.182	ng/ul	98
67) Hexachlorobenzene	16.42	284	58514	21.290	ng/ul	99
68) Atrazine	16.58	200	48216	20.816	ng/ul	99
69) Pentachlorophenol	16.76	266	32168	20.079	ng/ul	99
70) Phenanthrene	17.16	178	238298	20.453	ng/ul	100
72) Anthracene	17.25	178	243578	20.765	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	62710	21.771	ng/uL	100
74) Pentachlorobenzene	14.68	250	65868	21.395	ng/uL	99
75) Carbazole	17.53	167	217199	20.724	ng/ul	100
76) Di-n-butylphthalate	18.08	149	251007	21.816	ng/ul	100
77) Fluoranthene	19.18	202	290995	20.288	ng/ul	100
80) Pyrene	19.55	202	300214	20.695	ng/ul	100
81) Butylbenzylphthalate	20.45	149	113812	22.831	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	111628	20.289	ng/ul	99
83) Benzo(a)anthracene	21.30	228	329508	20.381	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	170221	22.783	ng/ul	100
85) Chrysene	21.36	228	306958	20.000	ng/ul	100
87) Di-n-octyl phthalate	22.11	149	310091	22.194	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	346143	20.028	ng/ul	100
89) Benzo(k)fluoranthene	22.95	252	347701	20.695	ng/ul	99
91) Benzo(a)pyrene	23.49	252	339034	20.104	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.87	276	399991	18.680	ng/ul	99
93) Dibenzo(a,h)anthracene	25.89	278	335544	18.835	ng/ul	98
94) Benzo(g,h,i)perylene	26.57	276	322137	17.950	ng/ul	98

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

