

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052419\
 Data File : BN005904.D
 Acq On : 24 May 2019 23:28
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02052

Manual Integrations
 APPROVED

mohammad
 5/27/2019 3:55:06 AM

Quant Time: May 25 01:33:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	72273	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	309975	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	218688	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	581126	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	651920	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	651312	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	12054	9.34	ng/uL	-0.01
5) Phenol-d5	6.76	99	108534	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	58765	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	91991	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	90778	19.01	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	44308	19.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	48222	18.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	108747	21.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	117244	21.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	362484	21.54	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	428762	20.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	24215	10.22	ng/ul	0.02
57) Fluorene-d10	15.20	176	319191	22.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	40768	11.67	ng/ul	0.00
70) Anthracene-d10	17.06	188	522984	20.83	ng/ul	0.00
78) Pyrene-d10	19.37	212	637746	19.85	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	646258	22.12	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.20	88	12748	9.380	ng/uL	87
4) Benzaldehyde	6.72	77	75108	18.576	ng/ul	98
6) Phenol	6.79	94	110297	19.372	ng/ul#	85
8) Bis(2-Chloroethyl)ether	6.99	93	82263	19.716	ng/ul	93
10) 2-Chlorophenol	7.13	128	90762	19.956	ng/ul	94
11) 2-Methylphenol	8.01	108	84405	18.671	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.08	45	101576	18.514	ng/ul#	89
14) Acetophenone	8.37	105	158570	20.735	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.35	70	72384	19.602	ng/ul#	95
16) 4-Methylphenol	8.34	108	97596	19.615	ng/ul	93
17) Hexachloroethane	8.60	117	42189	21.618	ng/ul#	78
20) Nitrobenzene	8.75	77	114085	21.934	ng/ul	97
21) Isophorone	9.26	82	214890	20.722	ng/ul#	94
23) 2-Nitrophenol	9.45	139	51536	19.053	ng/ul#	84
24) 2,4-Dimethylphenol	9.52	107	116486	20.854	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.75	93	115684	19.729	ng/ul	100
27) 2,4-Dichlorophenol	10.00	162	106016	22.221	ng/ul	97
28) Naphthalene	10.36	128	303468	20.494	ng/ul	97
30) 4-Chloroaniline	10.50	127	121323	21.787	ng/ul	100
31) Hexachlorobutadiene	10.64	225	86969	24.991	ng/ul	96
32) Caprolactam	11.26	113	32033m	18.324	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	112419	20.832	ng/ul	94
34) 2-Methylnaphthalene	11.99	142	239488	20.943	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	165226	23.467	ng/ul	95
37) Hexachlorocyclopentadiene	12.33	237	31982	14.575	ng/ul	98
38) 2,4,6-Trichlorophenol	12.63	196	94013	21.571	ng/ul	99
39) 2,4,5-Trichlorophenol	12.72	196	95931	20.953	ng/ul	98
40) 1,1'-Biphenyl	13.02	154	337940	21.252	ng/ul#	97
41) 2-Chloronaphthalene	13.06	162	265374	21.128	ng/ul	95
42) 2-Nitroaniline	13.29	65	70606	19.502	ng/ul	97
44) Dimethylphthalate	13.66	163	355470	21.426	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	68401	19.566	ng/ul	94
47) Acenaphthylene	13.92	152	408924	20.771	ng/ul	99
48) 3-Nitroaniline	14.14	138	57090	18.534	ng/ul#	93
49) Acenaphthene	14.26	153	280315	21.014	ng/ul	98
50) 2,4-Dinitrophenol	14.40	184	20494	11.393	ng/ul	95
52) 4-Nitrophenol	14.49	109	27924	12.613	ng/ul#	80
53) Dibenzofuran	14.60	168	428309	21.642	ng/ul	95
54) 2,4-Dinitrotoluene	14.61	165	109032	20.813	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.85	232	91366	21.492	ng/ul	94
56) Diethylphthalate	15.03	149	362583	21.594	ng/ul	99
58) Fluorene	15.25	166	359430	22.327	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.25	204	205182	23.363	ng/ul	98
60) 4-Nitroaniline	15.31	138	60448	17.603	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.39	198	38616	11.036	ng/ul#	90
64) N-Nitrosodiphenylamine	15.47	169	299746	19.930	ng/ul	99
65) 4-Bromophenyl-phenylether	16.15	248	134850	22.160	ng/ul	96
66) Hexachlorobenzene	16.27	284	154955	22.698	ng/ul	94
67) Atrazine	16.43	200	122204	19.364	ng/ul	98
68) Pentachlorophenol	16.64	266	44752	14.208	ng/ul	95
69) Phenanthrene	17.00	178	599664	20.817	ng/ul	100
71) Anthracene	17.09	178	610407	20.812	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	173252	22.238	ng/uL	99
73) Pentachlorobenzene	14.53	250	170953	22.248	ng/uL	97
74) Carbazole	17.37	167	510530	19.743	ng/ul	98
75) Di-n-butylphthalate	17.93	149	587082	19.006	ng/ul#	98
76) Fluoranthene	19.04	202	778638	21.863	ng/ul#	87
79) Pvrene	19.40	202	790909	19.756	ng/ul#	86
80) Butylbenzylphthalate	20.32	149	246316	15.018	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.12	252	176714	12.904	ng/ul#	96
82) Benzo(a)anthracene	21.17	228	841324	20.485	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.11	149	375062	16.118	ng/ul#	97
84) Chrysene	21.23	228	806467	20.830	ng/ul	99
86) Di-n-octyl phthalate	21.98	149	670057	19.281	ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	823849	22.992	ng/ul#	95
88) Benzo(k)fluoranthene	22.79	252	814656	23.497	ng/ul#	95
90) Benzo(a)pyrene	23.30	252	772647	22.269	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.59	276	786158	18.533	ng/ul#	90
92) Dibenzo(a,h)anthracene	25.59	278	672304	18.828	ng/ul#	92
93) Benzo(g,h,i)perylene	26.26	276	627781	17.704	ng/ul#	90

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

