Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN111319\
Data File : BN008522.D
Acq On : 13 Nov 2019 14:48
Operator : JU
Sample : SSTD16057
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16057

Quant Time: Nov 13 15:19:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN111319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 13:19:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	263451	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	1064734	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	663676	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	1422306	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	1169518	20.00	ng/ul	0.01
85) Perylene-d12	23.38	264	1377777	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	380140	63.37	ng/uL	0.00
5) Phenol-d5	6.83	99	3641558	163.21	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.99	67	2192024	160.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	2785311	170.14	ng/ul	0.01
13) 4-Methylphenol-d8	8.35	113	2811625	164.32	ng/ul	0.02
19) Nitrobenzene-d5	8.79	128	1285208	247.70	ng/ul	0.01
22) 2-Nitrophenol-d4	9.50	143	1387964	224.73	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.04	165	2768521	159.18	ng/ul	0.02
29) 4-Chloroaniline-d4	10.54	131	2856392	165.73	ng/ul	0.01
43) Dimethylphthalate-d6	13.69	166	7675945	151.43	ng/ul	0.01
46) Acenaphthylene-d8	13.96	160	8831234	148.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	1435584	232.73	ng/ul	0.04
57) Fluorene-d10	15.27	176	6326881	138.68	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.39	200	1162533	150.27	ng/ul	0.02
70) Anthracene-d10	17.11	188	9377587	135.13	ng/ul	0.01
78) Pyrene-d10	19.41	212	10234025	166.12	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.26	264	10769233	153.11	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	404066	59.932	ng/uL	97
4) Benzaldehyde	6.79	77	1658934	112.972	ng/ul	98
6) Phenol	6.86	94	3955625	164.644	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	2953661	166.224	ng/ul	97
10) 2-Chlorophenol	7.22	128	3015087	177.391	ng/ul	99
11) 2-Methylphenol	8.09	108	2958166	173.177	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.18	45	4807020	267.875	ng/ul	98
14) Acetophenone	8.46	105	4569320	152.102	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.48	70	2379900	177.127	ng/ul	96
16) 4-Methylphenol	8.43	108	3167986	169.386	ng/ul	97
17) Hexachloroethane	8.71	117	1290228	172.845	ng/ul	99
20) Nitrobenzene	8.83	77	3586103	223.805	ng/ul	97
21) Isophorone	9.37	82	6867965	168.971	ng/ul	99
23) 2-Nitrophenol	9.53	139	1575114	233.747	ng/ul	94
24) 2,4-Dimethylphenol	9.60	107	3596834	174.992	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.84	93	3963456	182.602	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	2833659	170.752	ng/ul	95
28) Naphthalene	10.46	128	8886503	155.855	ng/ul	100
30) 4-Chloroaniline	10.56	127	3119673	174.364	ng/ul	97
31) Hexachlorobutadiene	10.76	225	1915522	126.127	ng/ul	95
32) Caprolactam	11.36	113	492532	115.797	ng/ul	91
33) 4-Chloro-3-methylphenol	11.70	107	3391702	185.232	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	6369225	157.399	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	3296036	130.494 ng/ul	99
37) Hexachlorocyclopentadiene	12.44	237	2195827	228.795 ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	2259185	168.245 ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	2433136	169.010 ng/ul	98
40) 1,1'-Biphenyl	13.10	154	8027977	155.644 ng/ul	100
41) 2-Chloronaphthalene	13.14	162	6246550	156.247 ng/ul	98
42) 2-Nitroaniline	13.34	65	2326334	403.628 ng/ul	99
44) Dimethylphthalate	13.75	163	7977733	159.736 ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	1694153	271.838 ng/ul	90
47) Acenaphthylene	13.99	152	9268448	153.632 ng/ul	99
48) 3-Nitroaniline	14.17	138	1469791	237.898 ng/ul#	94
49) Acenaphthene	14.33	153	6530744	152.848 ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	892867	176.700 ng/ul	95
52) 4-Nitrophenol	14.50	109	1482549	224.552 ng/ul	93
53) Dibenzofuran	14.67	168	9170455	146.317 ng/ul	94
54) 2,4-Dinitrotoluene	14.64	165	2383896	237.877 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.90	232	2036182	147.719 ng/ul	98
56) Diethylphthalate	15.12	149	8324889	181.131 ng/ul	97
58) Fluorene	15.32	166	6859661	134.482 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.32	204	3505971	120.536 ng/ul	93
60) 4-Nitroaniline	15.36	138	1753339	264.993 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.41	198	1352745	163.872 ng/ul#	98
64) N-Nitrosodiphenylamine	15.54	169	6520608	175.011 ng/ul	94
65) 4-Bromophenyl-phenylether	16.22	248	2412742	141.128 ng/ul	96
66) Hexachlorobenzene	16.33	284	2583016	132.783 ng/ul	99
67) Atrazine	16.50	200	2353278	160.711 ng/ul	99
68) Pentachlorophenol	16.66	266	1694893	150.168 ng/ul	96
69) Phenanthrene	17.06	178	11596478	147.738 ng/ul	98
71) Anthracene	17.15	178	11488461	146.040 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	3121735	132.671 ng/uL	99
73) Pentachlorobenzene	14.59	250	2893722	122.345 ng/uL	95
74) Carbazole	17.42	167	10769095	160.572 ng/ul	99
75) Di-n-butylphthalate	18.00	149	12586231	205.151 ng/ul#	92
76) Fluoranthene	19.07	202	13068564	129.942 ng/ul	99
79) Pyrene	19.44	202	12700192	166.042 ng/ul	96
80) Butylbenzylphthalate	20.36	149	5999574	369.651 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.13	252	4441486	231.235 ng/ul	95
82) Benzo(a)anthracene	21.19	228	12651568	159.189 ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.16	149	8540476	326.511 ng/ul#	95
84) Chrysene	21.25	228	11831199	153.868 ng/ul	96
86) Di-n-octyl phthalate	22.03	149	13431933	248.929 ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	14008829	161.745 ng/ul	99
88) Benzo(k)fluoranthene	22.79	252	12229507	138.568 ng/ul	98
90) Benzo(a)pyrene	23.31	252	12811658	157.753 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.57	276	15639664	160.589 ng/ul	97
92) Dibenzo(a,h)anthracene	25.59	278	12981083	160.569 ng/ul	95
93) Benzo(g,h,i)perylene	26.23	276	13443771	164.767 ng/ul	98

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

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