Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007667.D
Acq On : 16 Sep 2019 15:26
Operator : HP/JU
Sample : SSTD16006
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD16006

Quant Time: Sep 16 16:05:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 14:07:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	485429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2075945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1399106	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	3114901	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	3055426	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	3486626	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	783098	69.89	ng/uL	0.00
5) Phenol-d5	6.89	99	7385113	190.41	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.05	67	4065531	183.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	5214216	167.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	5576096	185.55	ng/ul	0.02
19) Nitrobenzene-d5	8.86	128	2594450	175.10	ng/ul	0.01
22) 2-Nitrophenol-d4	9.57	143	2809795	170.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	5520350	185.74	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	5849350	164.82	ng/ul	0.01
43) Dimethylphthalate-d6	13.75	166	15003879	151.17	ng/ul	0.01
46) Acenaphthylene-d8	14.02	160	16594468	129.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	3236545	184.63	ng/ul	0.03
57) Fluorene-d10	15.33	176	13119050	156.44	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.46	200	3108489	178.33	ng/ul	0.02
70) Anthracene-d10	17.08	188	3114901	23.44	ng/ul	-0.09
78) Pyrene-d10	19.36	212	11210	0.08	ng/ul	-0.11
89) Benzo(a)pyrene-d12	23.50	264	3406351	21.94	ng/ul	0.15
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	811459	70.068	ng/uL#	91
4) Benzaldehyde	6.85	77	3212108	122.021	ng/ul	99
6) Phenol	6.92	94	7808475	196.979	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	5604729	182.184	ng/ul	98
10) 2-Chlorophenol	7.28	128	5507220	173.078	ng/ul	99
11) 2-Methylphenol	8.15	108	5644975	189.794	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.24	45	5731502	139.412	ng/ul	98
14) Acetophenone	8.53	105	8631087	189.848	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.54	70	4798698	199.178	ng/ul	97
16) 4-Methylphenol	8.49	108	6124349	191.656	ng/ul	100
17) Hexachloroethane	8.78	117	2260624	168.944	ng/ul	90
20) Nitrobenzene	8.90	77	7012794	200.102	ng/ul	97
21) Isophorone	9.43	82	13460647	199.308	ng/ul	97
23) 2-Nitrophenol	9.60	139	3077136	177.239	ng/ul	99
24) 2,4-Dimethylphenol	9.67	107	6752899	191.563	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	7810513	187.874	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	5518786	190.588	ng/ul	96
28) Naphthalene	10.53	128	15737788	160.751	ng/ul	95
30) 4-Chloroaniline	10.64	127	6193654	174.066	ng/ul	99
31) Hexachlorobutadiene	10.83	225	3753577	202.767	ng/ul	98
32) Caprolactam	11.44	113	1076353	110.890	ng/ul	99
33) 4-Chloro-3-methylphenol	11.77	107	6572870	208.560	ng/ul	100
34) 2-Methylnaphthalene	12.15	142	12112455	177.485	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	7391298	176.480 ng/ul	98
37) Hexachlorocyclopentadiene	12.51	237	4955949	207.206 ng/ul	99
38) 2,4,6-Trichlorophenol	12.76	196	4734316	176.663 ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	5136510	179.719 ng/ul	99
40) 1,1'-Biphenyl	13.17	154	14294433	136.014 ng/ul#	82
41) 2-Chloronaphthalene	13.21	162	12242669	150.670 ng/ul	96
42) 2-Nitroaniline	13.41	65	4358798	184.623 ng/ul	96
44) Dimethylphthalate	13.80	163	14731569	149.641 ng/ul	97
45) 2,6-Dinitrotoluene	13.92	165	3708243	185.510 ng/ul	91
47) Acenaphthylene	14.05	152	15542402	123.202 ng/ul	93
48) 3-Nitroaniline	14.25	138	3239218	165.774 ng/ul	99
49) Acenaphthene	14.40	153	12884373	151.781 ng/ul	94
50) 2,4-Dinitrophenol	14.45	184	2199363	207.645 ng/ul	98
52) 4-Nitrophenol	14.57	109	2600960	195.718 ng/ul	93
53) Dibenzofuran	14.73	168	15510107	129.480 ng/ul#	82
54) 2,4-Dinitrotoluene	14.71	165	5319569	189.564 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.97	232	4727094	200.722 ng/ul	97
56) Diethylphthalate	15.17	149	15135673	153.518 ng/ul	93
58) Fluorene	15.39	166	13850459	147.692 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.39	204	8270520	176.900 ng/ul	97
60) 4-Nitroaniline	15.43	138	3926388	171.593 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.48	198	3391580	187.491 ng/ul#	94
64) N-Nitrosodiphenylamine	15.60	169	12974200	149.785 ng/ul	91
65) 4-Bromophenyl-phenylether	16.28	248	5895360	192.700 ng/ul	95
66) Hexachlorobenzene	16.40	284	6250555	186.036 ng/ul	94
67) Atrazine	16.56	200	5842809	188.020 ng/ul	97
68) Pentachlorophenol	16.73	266	4137000	216.524 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	7501691	167.585 ng/uL	99
73) Pentachlorobenzene	14.66	250	7314027	182.959 ng/uL	99
75) Di-n-butylphthalate	18.17	149	13752	0.078 ng/ul#	89
76) Fluoranthene	19.08	202	40368	0.236 ng/ul#	50
80) Butylbenzylphthalate	20.42	149	11870305	135.026 ng/ul#	78
81) 3,3'-Dichlorobenzidine	21.20	252	11105537	173.904 ng/ul	91
82) Benzo(a)anthracene	21.31	228	3266080	17.387 ng/ul#	58
83) Bis(2-ethylhexyl)phthalate	21.20	149	13397302	105.549 ng/ul#	84
84) Chrysene	21.45	228	42860	0.238 ng/ul	95
86) Di-n-octyl phthalate	22.08	149	2945114	14.000 ng/ul	100
87) Benzo(b)fluoranthene	22.88	252	1035165	5.569 ng/ul#	87
88) Benzo(k)fluoranthene	22.88	252	1035165	5.689 ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.74	276	23056476	105.244 ng/ul	97
93) Benzo(g,h,i)perylene	26.43	276	31151311	167.279 ng/ul	97

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

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