Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121218\
Data File : BN003868.D
Acq On : 13 Dec 2018 01:14
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02009

Quant Time: Dec 13 04:17:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 04:12:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	22492	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	114886	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	75314	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	186442	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	245801	20.00	ng/ul	0.00
85) Perylene-d12	23.70	264	295386	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2925	8.51	ng/uL	0.00
5) Phenol-d5	6.99	99	41239	18.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	23748	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	33622	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	34807	18.78	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	17610	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	19674	19.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	36340	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	35355	19.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	127867	19.02	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	155031	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	25803	18.56	ng/ul	0.00
57) Fluorene-d10	15.46	176	111798	19.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	24153	17.99	ng/ul	0.00
70) Anthracene-d10	17.31	188	181892	19.31	ng/ul	0.00
78) Pyrene-d10	19.60	212	212638	19.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	315845	19.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	3138	8.299	ng/uL	94
4) Benzaldehyde	6.98	77	7283	19.270	ng/ul	99
6) Phenol	7.01	94	42382	18.988	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	31145	19.428	ng/ul	99
10) 2-Chlorophenol	7.39	128	33786	19.534	ng/ul	98
11) 2-Methylphenol	8.26	108	32037	18.558	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.36	45	43535	19.752	ng/ul	100
14) Acetophenone	8.65	105	54523	19.675	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.63	70	26180	19.132	ng/ul	98
16) 4-Methylphenol	8.59	108	36368	19.168	ng/ul	97
17) Hexachloroethane	8.90	117	12302	19.561	ng/ul	98
20) Nitrobenzene	9.04	77	38634	19.597	ng/ul	100
21) Isophorone	9.55	82	76473	18.677	ng/ul	99
23) 2-Nitrophenol	9.75	139	21301	19.650	ng/ul	96
24) 2,4-Dimethylphenol	9.79	107	40464	19.274	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.03	93	46950	19.161	ng/ul	98
27) 2,4-Dichlorophenol	10.27	162	35812	19.535	ng/ul	99
28) Naphthalene	10.68	128	118904	19.290	ng/ul	99
30) 4-Chloroaniline	10.79	127	36721	20.439	ng/ul	99
31) Hexachlorobutadiene	10.94	225	20732	19.440	ng/ul	98
32) Caprolactam	11.55	113	13078	17.776	ng/ul	99
33) 4-Chloro-3-methylphenol	11.90	107	40291	19.032	ng/ul	99
34) 2-Methylnaphthalene	12.29	142	89156	19.205	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	45320	19.596	ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	24955	17.570	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	29787	19.130	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	33313	19.347	ng/ul	97
40) 1,1'-Biphenyl	13.30	154	117619	19.210	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	91895	19.276	ng/ul	99
42) 2-Nitroaniline	13.56	65	26318	19.660	ng/ul	99
44) Dimethylphthalate	13.92	163	125010	19.048	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	25867	19.417	ng/ul	99
47) Acenaphthylene	14.19	152	146612	19.295	ng/ul	99
48) 3-Nitroaniline	14.38	138	25718	18.986	ng/ul	100
49) Acenaphthene	14.53	153	104104	19.240	ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	13832	16.020	ng/ul	97
52) 4-Nitrophenol	14.67	109	16869	19.220	ng/ul	99
53) Dibenzofuran	14.86	168	148149	19.289	ng/ul	99
54) 2,4-Dinitrotoluene	14.83	165	40561	19.569	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.09	232	30666	19.030	ng/ul	99
56) Diethylphthalate	15.28	149	126898	18.911	ng/ul	99
58) Fluorene	15.52	166	122637	19.177	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	60395	19.060	ng/ul	99
60) 4-Nitroaniline	15.55	138	32120	19.077	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.60	198	25234	18.290	ng/ul	98
64) N-Nitrosodiphenylamine	15.72	169	109066	19.329	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	40887	19.507	ng/ul	97
66) Hexachlorobenzene	16.51	284	50369	19.208	ng/ul	98
67) Atrazine	16.66	200	39089	19.005	ng/ul	99
68) Pentachlorophenol	16.86	266	26264	17.543	ng/ul	99
69) Phenanthrene	17.25	178	209202	19.420	ng/ul	99
71) Anthracene	17.35	178	212937	19.284	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.26	216	45533	19.501	ng/uL	99
73) Pentachlorobenzene	14.78	250	51523	19.312	ng/uL	99
74) Carbazole	17.62	167	197095	19.425	ng/ul	99
75) Di-n-butylphthalate	18.16	149	223094	18.655	ng/ul	99
76) Fluoranthene	19.27	202	262348	19.869	ng/ul	97
79) Pyrene	19.63	202	269713	19.641	ng/ul	97
80) Butylbenzylphthalate	20.52	149	115319	18.794	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.31	252	107951	19.091	ng/ul	99
82) Benzo(a)anthracene	21.37	228	301103	19.645	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.28	149	172780	18.434	ng/ul	98
84) Chrysene	21.43	228	282187	19.655	ng/ul	99
86) Di-n-octyl phthalate	22.18	149	312148	18.803	ng/ul	99
87) Benzo(b)fluoranthene	23.00	252	333887	18.870	ng/ul	100
88) Benzo(k)fluoranthene	23.05	252	335610	20.256	ng/ul	99
90) Benzo(a)pyrene	23.60	252	334684	19.640	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.06	276	443860	19.982	ng/ul	100
92) Dibenzo(a,h)anthracene	26.06	278	370564	20.069	ng/ul	99
93) Benzo(g,h,i)perylene	26.78	276	373046	20.065	ng/ul	99

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

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