Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000487.D
Acq On : 20 Mar 2018 12:09
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02021

Quant Time: Mar 20 23:27:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 20 04:08:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	253925	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	1127242	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	596013	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	1151854	20.00	ng/ul	0.00
75) Chrysene-d12	21.89	240	840435	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	715878	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	52339	7.36	ng/uL	0.00
5) Phenol-d5	7.55	99	481243	20.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.72	67	279576	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.94	132	354187	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	382467	20.73	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	173248	18.92	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	181714	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	329053	19.36	ng/ul	0.00
29) 4-Chloroaniline-d4	11.38	131	430187	24.65	ng/ul	0.00
43) Dimethylphthalate-d6	14.42	166	903847	19.19	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	1206079	19.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.21	143	165356	18.91	ng/ul	0.00
57) Fluorene-d10	16.02	176	758979	18.92	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	116215	17.62	ng/ul	0.00
70) Anthracene-d10	17.86	188	1063455	19.21	ng/ul	0.00
76) Pyrene-d10	20.12	212	989161	21.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	662393	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	56938	7.438	ng/uL#	85
4) Benzaldehyde	7.54	77	207195	21.452	ng/ul	88
6) Phenol	7.58	94	496534	20.544	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.82	93	392571	20.469	ng/ul	95
10) 2-Chlorophenol	7.97	128	362127	19.800	ng/ul	96
11) 2-Methylphenol	8.85	108	365141	20.600	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.94	45	430593	20.832	ng/ul#	93
14) Acetophenone	9.25	105	591078	21.548	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.23	70	293870	20.484	ng/ul	93
16) 4-Methylphenol	9.18	108	395634	20.848	ng/ul	96
17) Hexachloroethane	9.52	117	148215	19.424	ng/ul#	71
20) Nitrobenzene	9.64	77	437677	19.366	ng/ul	94
21) Isophorone	10.16	82	833680	19.351	ng/ul	98
23) 2-Nitrophenol	10.36	139	199254	19.534	ng/ul	92
24) 2,4-Dimethylphenol	10.40	107	426896	19.428	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.64	93	528321	19.417	ng/ul	98
27) 2,4-Dichlorophenol	10.90	162	321995	19.514	ng/ul	96
28) Naphthalene	11.31	128	1157930	19.561	ng/ul	99
30) 4-Chloroaniline	11.41	127	433705	24.485	ng/ul	99
31) Hexachlorobutadiene	11.58	225	172428	18.858	ng/ul	96
32) Caprolactam	12.15	113	116053	19.240	ng/ul	87
33) 4-Chloro-3-methylphenol	12.50	107	383827	19.787	ng/ul	98
34) 2-Methylnaphthalene	12.89	142	779729	19.729	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.25	216	341760	19.086 ng/ul#	94
37) Hexachlorocyclopentadiene	13.22	237	149343	15.995 ng/ul	97
38) 2,4,6-Trichlorophenol	13.48	196	230117	18.946 ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	241539	19.072 ng/ul	99
40) 1,1'-Biphenyl	13.87	154	979229	19.300 ng/ul#	94
41) 2-Chloronaphthalene	13.92	162	754772	19.298 ng/ul	96
42) 2-Nitroaniline	14.12	65	228106	19.249 ng/ul	97
44) Dimethylphthalate	14.47	163	894296	19.201 ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	183234	19.523 ng/ul	89
47) Acenaphthylene	14.77	152	1175285	19.313 ng/ul	100
48) 3-Nitroaniline	14.93	138	189815	20.947 ng/ul#	91
49) Acenaphthene	15.10	153	794771	19.155 ng/ul	98
50) 2,4-Dinitrophenol	15.14	184	69566	15.711 ng/ul#	78
52) 4-Nitrophenol	15.22	109	129742	19.202 ng/ul#	83
53) Dibenzofuran	15.43	168	1089162	19.327 ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	259490	19.501 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.65	232	182882	18.911 ng/ul#	94
56) Diethylphthalate	15.82	149	902114	18.976 ng/ul	96
58) Fluorene	16.07	166	865724	19.332 ng/ul	98
59) 4-Chlorophenyl-phenylether	16.05	204	397063	19.188 ng/ul#	87
60) 4-Nitroaniline	16.08	138	189352	18.599 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	16.15	198	126081	18.104 ng/ul#	90
64) N-Nitrosodiphenylamine	16.27	169	733898	19.340 ng/ul	99
65) 4-Bromophenyl-phenylether	16.94	248	226538	19.295 ng/ul#	88
66) Hexachlorobenzene	17.07	284	236795	19.101 ng/ul#	84
67) Atrazine	17.20	200	235568	20.583 ng/ul	96
68) Pentachlorophenol	17.41	266	114246	17.456 ng/ul	98
69) Phenanthrene	17.80	178	1279398	19.280 ng/ul	100
71) Anthracene	17.90	178	1309491	19.245 ng/ul	98
72) Carbazole	18.15	167	1156567	19.822 ng/ul	98
73) Di-n-butylphthalate	18.68	149	1449921	18.273 ng/ul	100
74) Fluoranthene	19.78	202	1279633	19.406 ng/ul#	79
77) Pyrene	20.15	202	1273624	20.748 ng/ul#	78
78) Butylbenzylphthalate	21.00	149	595618	19.534 ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.79	252	319496	19.459 ng/ul#	96
80) Benzo(a)anthracene	21.88	228	1043098	18.628 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.76	149	815823	18.430 ng/ul#	97
82) Chrysene	21.93	228	968380	18.447 ng/ul	99
84) Di-n-octyl phthalate	22.71	149	1275709	21.172 ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	900366	19.905 ng/ul#	94
86) Benzo(k)fluoranthene	23.67	252	823193	18.851 ng/ul#	95
88) Benzo(a)pyrene	24.27	252	822138	19.312 ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	26.94	276	896454	19.529 ng/ul#	81
90) Dibenzo(a,h)anthracene	26.95	278	748634	19.576 ng/ul#	91
91) Benzo(g,h,i)perylene	27.73	276	743656	19.494 ng/ul#	86

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

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