Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031319\
Data File : BN004728.D
Acq On : 13 Mar 2019 13:37
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02032

Quant Time: Mar 14 00:40:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 13 03:05:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	29555	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	130885	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	80352	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	188632	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	220872	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	214796	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	4375	8.35	ng/uL	0.00
5) Phenol-d5	6.89	99	44990	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	24218	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	40516	19.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	38239	18.00	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	19631	19.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	21924	19.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	41340	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	50217	19.38	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	133746	19.25	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	162739	19.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.58	143	16138	12.51	ng/ul	0.00
58) Fluorene-d10	15.36	176	116031	19.65	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	21121	16.22	ng/ul	0.00
71) Anthracene-d10	17.21	188	180977	19.70	ng/ul	0.00
79) Pyrene-d10	19.51	212	209359	19.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.43	264	224182	19.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	4904	7.595	ng/uL	96
4) Benzaldehyde	6.88	77	30412	19.233	ng/ul	98
6) Phenol	6.92	94	45956	18.490	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.15	93	34959	19.109	ng/ul	99
10) 2-Chlorophenol	7.28	128	40983	19.167	ng/ul	99
11) 2-Methylphenol	8.16	108	36026	18.048	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	38836	18.406	ng/ul	99
14) Acetophenone	8.54	105	59778	18.768	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	27245	18.119	ng/ul	99
16) 4-Methylphenol	8.49	108	40063	18.053	ng/ul	99
17) Hexachloroethane	8.78	117	15292	19.095	ng/ul	92
20) Nitrobenzene	8.92	77	40091	19.570	ng/ul	99
21) Isophorone	9.43	82	78541	18.505	ng/ul	100
23) 2-Nitrophenol	9.63	139	23911	19.516	ng/ul	99
24) 2,4-Dimethylphenol	9.68	107	45642	19.302	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.92	93	49573	19.187	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	40966	19.273	ng/ul	98
28) Naphthalene	10.55	128	134469	19.718	ng/ul	99
30) 4-Chloroaniline	10.67	127	51128	19.416	ng/ul	100
31) Hexachlorobutadiene	10.82	225	28543	20.205	ng/ul	98
32) Caprolactam	11.44	113	13132	18.238	ng/ul	98
33) 4-Chloro-3-methylphenol	11.80	107	42300	18.560	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	99171	19.407	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	93514	19.487	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	56421	19.968	ng/ul	97
38) Hexachlorocyclopentadiene	12.50	237	30947	15.899	ng/ul	98
39) 2,4,6-Trichlorophenol	12.79	196	33301	18.297	ng/ul	99
40) 2,4,5-Trichlorophenol	12.86	196	37034	18.588	ng/ul	96
41) 1,1'-Biphenyl	13.19	154	130929	19.368	ng/ul	99
42) 2-Chloronaphthalene	13.23	162	101266	19.702	ng/ul	99
43) 2-Nitroaniline	13.45	65	23144	18.406	ng/ul	98
45) Dimethylphthalate	13.82	163	130974	19.213	ng/ul	99
46) 2,6-Dinitrotoluene	13.95	165	26845	19.450	ng/ul	93
48) Acenaphthylene	14.08	152	158468	19.391	ng/ul	99
49) 3-Nitroaniline	14.28	138	25417	18.992	ng/ul	100
50) Acenaphthene	14.42	153	108897	19.493	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	14748	16.486	ng/ul	98
53) 4-Nitrophenol	14.60	109	11962	12.767	ng/ul	97
54) Dibenzofuran	14.76	168	156797	19.541	ng/ul	100
55) 2,4-Dinitrotoluene	14.74	165	39705	19.475	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.99	232	32250	17.490	ng/ul	100
57) Diethylphthalate	15.18	149	132247	19.144	ng/ul	100
59) Fluorene	15.41	166	125540	19.499	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	67534	19.758	ng/ul	99
61) 4-Nitroaniline	15.45	138	26061	16.590	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	22718	16.545	ng/ul	97
65) N-Nitrosodiphenylamine	15.62	169	110834	19.293	ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	45785	19.779	ng/ul	98
67) Hexachlorobenzene	16.40	284	53655	20.194	ng/ul	98
68) Atrazine	16.57	200	42512	19.374	ng/ul	98
69) Pentachlorophenol	16.76	266	34332	20.733	ng/ul	97
70) Phenanthrene	17.15	178	208004	19.830	ng/ul	99
72) Anthracene	17.25	178	211998	19.781	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	55211	19.719	ng/uL	100
74) Pentachlorobenzene	14.67	250	59625	19.974	ng/uL	98
75) Carbazole	17.52	167	181950	19.549	ng/ul	100
76) Di-n-butylphthalate	18.07	149	223780	19.388	ng/ul	100
77) Fluoranthene	19.17	202	251571	20.802	ng/ul	98
80) Pyrene	19.54	202	258212	19.283	ng/ul	100
81) Butylbenzylphthalate	20.44	149	104972	19.093	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.23	252	85967	16.486	ng/ul	99
83) Benzo(a)anthracene	21.29	228	269683	19.409	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.21	149	156652	19.607	ng/ul	100
85) Chrysene	21.35	228	251664	19.505	ng/ul	100
87) Di-n-octyl phthalate	22.10	149	271153	19.564	ng/ul	100
88) Benzo(b)fluoranthene	22.89	252	265532	19.917	ng/ul	99
89) Benzo(k)fluoranthene	22.93	252	254416	19.407	ng/ul	100
91) Benzo(a)pyrene	23.47	252	242055	19.300	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.86	276	256229	18.755	ng/ul	97
93) Dibenzo(a,h)anthracene	25.87	278	212724	18.507	ng/ul	99
94) Benzo(g,h,i)perylene	26.56	276	211339	19.021	ng/ul	98

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

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