Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052919\
Data File : BN005921.D
Acq On : 29 May 2019 09:50
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02001

Quant Time: May 29 13:07:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 02:28:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	332474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	1497047	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	874050	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1994658	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	2014973	20.00	ng/ul	0.02
85) Perylene-d12	23.63	264	2347806	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	66710	8.83	ng/uL	0.00
5) Phenol-d5	6.89	99	623649	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	361941	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	478254	21.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	489893	20.59	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	224475	23.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	218688	24.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	469051	22.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	617163	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1406565	21.83	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1800057	22.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	271942	23.19	ng/ul	0.00
57) Fluorene-d10	15.36	176	1205436	22.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	170657	20.99	ng/ul	0.00
70) Anthracene-d10	17.22	188	1901887	22.40	ng/ul	0.00
78) Pyrene-d10	19.53	212	2145393	21.08	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2336459	22.30	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	70553	8.816	ng/uL	94
4) Benzaldehyde	6.88	77	423214	20.802	ng/ul	98
6) Phenol	6.92	94	648274	21.351	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.16	93	503859	21.489	ng/ul	92
10) 2-Chlorophenol	7.29	128	496222	21.745	ng/ul	95
11) 2-Methylphenol	8.16	108	486719	20.805	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	662688	21.222	ng/ul#	93
14) Acetophenone	8.55	105	769108	21.442	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.53	70	388797	20.257	ng/ul	88
16) 4-Methylphenol	8.49	108	531365	20.690	ng/ul	96
17) Hexachloroethane	8.80	117	200389	22.019	ng/ul	86
20) Nitrobenzene	8.92	77	549886	22.420	ng/ul	94
21) Isophorone	9.44	82	1124216	21.055	ng/ul	98
23) 2-Nitrophenol	9.63	139	251831	24.043	ng/ul	93
24) 2,4-Dimethylphenol	9.69	107	572705	21.823	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.93	93	697409	21.458	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	462038	22.089	ng/ul	98
28) Naphthalene	10.56	128	1589542	22.372	ng/ul	99
30) 4-Chloroaniline	10.67	127	626760	22.553	ng/ul	100
31) Hexachlorobutadiene	10.85	225	258238	22.216	ng/ul	98
32) Caprolactam	11.42	113	175204	20.986	ng/ul	78
33) 4-Chloro-3-methylphenol	11.79	107	536454	21.270	ng/ul	95
34) 2-Methylnaphthalene	12.17	142	1144302	21.864	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	531972	22.789 ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	267078	19.654 ng/ul	97
38) 2,4,6-Trichlorophenol	12.79	196	351422	22.879 ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	379146	22.578 ng/ul	99
40) 1,1'-Biphenyl	13.20	154	1451310	22.387 ng/ul	98
41) 2-Chloronaphthalene	13.24	162	1113043	22.669 ng/ul	96
42) 2-Nitroaniline	13.45	65	318171	24.497 ng/ul	86
44) Dimethylphthalate	13.83	163	1400393	21.744 ng/ul	100
45) 2,6-Dinitrotoluene	13.95	165	265104	23.880 ng/ul	97
47) Acenaphthylene	14.09	152	1788915	22.632 ng/ul	99
48) 3-Nitroaniline	14.27	138	288955	23.975 ng/ul	90
49) Acenaphthene	14.43	153	1202350	22.392 ng/ul	98
50) 2,4-Dinitrophenol	14.48	184	98839	20.006 ng/ul	91
52) 4-Nitrophenol	14.57	109	214846	23.374 ng/ul#	81
53) Dibenzofuran	14.77	168	1691624	22.317 ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	394695	23.851 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.99	232	318871	23.103 ng/ul	95
56) Diethylphthalate	15.20	149	1462584	21.819 ng/ul	100
58) Fluorene	15.42	166	1364822	22.925 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.42	204	646375	22.784 ng/ul	99
60) 4-Nitroaniline	15.44	138	349884	23.974 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.50	198	192524	21.532 ng/ul#	97
64) N-Nitrosodiphenylamine	15.63	169	1220258	21.943 ng/ul	98
65) 4-Bromophenyl-phenylether	16.32	248	402016	21.702 ng/ul	97
66) Hexachlorobenzene	16.43	284	439956	22.104 ng/ul	97
67) Atrazine	16.59	200	438834	22.308 ng/ul	99
68) Pentachlorophenol	16.77	266	267669	22.860 ng/ul	99
69) Phenanthrene	17.16	178	2248192	22.749 ng/ul	99
71) Anthracene	17.25	178	2294635	22.870 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	551286	22.272 ng/uL	99
73) Pentachlorobenzene	14.69	250	510131	22.252 ng/uL	100
74) Carbazole	17.52	167	2178888	24.106 ng/ul	99
75) Di-n-butylphthalate	18.10	149	2613288	22.121 ng/ul	100
76) Fluoranthene	19.19	202	2658177	25.196 ng/ul#	94
79) Pyrene	19.56	202	2758357	21.610 ng/ul#	93
80) Butylbenzylphthalate	20.47	149	1239267	21.605 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.27	252	968607	24.206 ng/ul	99
82) Benzo(a)anthracene	21.33	228	2801333	22.116 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1860315	22.375 ng/ul	100
84) Chrysene	21.39	228	2691679	22.784 ng/ul	99
86) Di-n-octyl phthalate	22.17	149	3411279	24.625 ng/ul	100
87) Benzo(b)fluoranthene	22.94	252	2908579	22.057 ng/ul	98
88) Benzo(k)fluoranthene	22.99	252	2859402	23.583 ng/ul#	97
90) Benzo(a)pyrene	23.53	252	2791133	22.445 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.92	276	2871035	19.675 ng/ul#	92
92) Dibenzo(a,h)anthracene	25.93	278	2450068	20.167 ng/ul	97
93) Benzo(g,h,i)perylene	26.62	276	2309636	18.793 ng/ul#	94

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

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