Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053119\
Data File : BN005983.D
Acq On : 31 May 2019 17:09
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02005

Quant Time: May 31 17:42:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 15:02:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	421052	20.00	ng/ul	0.01
18) Naphthalene-d8	10.54	136	1988232	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.40	164	1241570	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.16	188	2810701	20.00	ng/ul	0.02
77) Chrysene-d12	21.38	240	2395936	20.00	ng/ul	0.02
85) Perylene-d12	23.67	264	2721054	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	65188	6.81	ng/uL	0.00
5) Phenol-d5	6.91	99	677725	18.16	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.08	67	378349	17.77	ng/ul	0.01
9) 2-Chlorophenol-d4	7.27	132	526433	18.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	565816	18.78	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	272551	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	307387	25.86	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.15	165	563281	20.07	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	728362	19.80	ng/ul	0.01
43) Dimethylphthalate-d6	13.81	166	1745740	19.07	ng/ul	0.01
46) Acenaphthylene-d8	14.09	160	2148171	18.76	ng/ul	0.01
51) 4-Nitrophenol-d4	14.61	143	342311	20.55	ng/ul	0.02
57) Fluorene-d10	15.40	176	1445408	18.83	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.53	200	296426	25.88	ng/ul	0.02
70) Anthracene-d10	17.25	188	2268639	18.96	ng/ul	0.02
78) Pyrene-d10	19.56	212	2428230	20.07	ng/ul	0.02
89) Benzo(a)pyrene-d12	23.52	264	2271714	18.71	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	67814	6.691	ng/uL	97
4) Benzaldehyde	6.88	77	453774	17.612	ng/ul	99
6) Phenol	6.94	94	696398	18.111	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.17	93	537925	18.116	ng/ul	91
10) 2-Chlorophenol	7.31	128	538202	18.623	ng/ul	93
11) 2-Methylphenol	8.18	108	545142	18.400	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	360145	9.107	ng/ul#	92
14) Acetophenone	8.56	105	865889	19.062	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.55	70	454035	18.680	ng/ul#	86
16) 4-Methylphenol	8.51	108	597890	18.382	ng/ul	97
17) Hexachloroethane	8.81	117	213566	18.530	ng/ul	96
20) Nitrobenzene	8.94	77	631733	19.394	ng/ul	93
21) Isophorone	9.47	82	1320650	18.623	ng/ul	97
23) 2-Nitrophenol	9.65	139	324851	23.352	ng/ul	93
24) 2,4-Dimethylphenol	9.71	107	666453	19.121	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.95	93	792825	18.368	ng/ul	99
27) 2,4-Dichlorophenol	10.18	162	550871	19.829	ng/ul	99
28) Naphthalene	10.58	128	1767778	18.734	ng/ul	98
30) 4-Chloroaniline	10.69	127	739813	20.045	ng/ul	100
31) Hexachlorobutadiene	10.87	225	312142	20.219	ng/ul	98
32) Caprolactam	11.46	113	175274	15.808	ng/ul#	73
33) 4-Chloro-3-methylphenol	11.83	107	658733	19.666	ng/ul	94
34) 2-Methylnaphthalene	12.21	142	1316121	18.934	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	647372	19.524 ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	377197	19.541 ng/ul	98
38) 2,4,6-Trichlorophenol	12.82	196	456418	20.919 ng/ul	97
39) 2,4,5-Trichlorophenol	12.89	196	492920	20.665 ng/ul	97
40) 1,1'-Biphenyl	13.22	154	1730428	18.792 ng/ul	98
41) 2-Chloronaphthalene	13.27	162	1308992	18.768 ng/ul	98
42) 2-Nitroaniline	13.48	65	421289	22.835 ng/ul#	83
44) Dimethylphthalate	13.86	163	1731669	18.929 ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	364794	23.133 ng/ul	91
47) Acenaphthylene	14.12	152	2120591	18.887 ng/ul	98
48) 3-Nitroaniline	14.31	138	380464	22.223 ng/ul#	92
49) Acenaphthene	14.47	153	1428110	18.724 ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	187887	26.773 ng/ul	90
52) 4-Nitrophenol	14.62	109	261523	20.030 ng/ul#	85
53) Dibenzofuran	14.80	168	2031922	18.871 ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	528840	22.497 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.03	232	425037	21.679 ng/ul	98
56) Diethylphthalate	15.23	149	1804050	18.946 ng/ul	100
58) Fluorene	15.45	166	1605873	18.989 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.45	204	791858	19.650 ng/ul	99
60) 4-Nitroaniline	15.48	138	445320	21.481 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.55	198	308475	24.483 ng/ul	93
64) N-Nitrosodiphenylamine	15.67	169	1462277	18.661 ng/ul	97
65) 4-Bromophenyl-phenylether	16.35	248	508686	19.488 ng/ul	98
66) Hexachlorobenzene	16.47	284	560842	19.997 ng/ul	98
67) Atrazine	16.62	200	561485	20.256 ng/ul	99
68) Pentachlorophenol	16.81	266	335719	20.347 ng/ul	98
69) Phenanthrene	17.20	178	2624109	18.843 ng/ul	100
71) Anthracene	17.29	178	2692743	19.046 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	674249	19.331 ng/uL	97
73) Pentachlorobenzene	14.72	250	636847	19.714 ng/uL	99
74) Carbazole	17.56	167	2544952	19.981 ng/ul	100
75) Di-n-butylphthalate	18.13	149	3278134	19.693 ng/ul	100
76) Fluoranthene	19.22	202	3032303	20.397 ng/ul#	94
79) Pyrene	19.59	202	3039192	20.025 ng/ul	97
80) Butylbenzylphthalate	20.50	149	1476350	21.646 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.29	252	999674	21.010 ng/ul	98
82) Benzo(a)anthracene	21.36	228	2830052	18.790 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	1980431	20.032 ng/ul	99
84) Chrysene	21.41	228	2690787	19.155 ng/ul	99
86) Di-n-octyl phthalate	22.19	149	3593462	22.382 ng/ul	100
87) Benzo(b)fluoranthene	22.98	252	2827852	18.503 ng/ul	98
88) Benzo(k)fluoranthene	23.02	252	2630511	18.720 ng/ul	98
90) Benzo(a)pyrene	23.57	252	2630926	18.254 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.99	276	2931011	17.331 ng/ul	96
92) Dibenzo(a,h)anthracene	26.00	278	2455423	17.438 ng/ul	99
93) Benzo(g,h,i)perylene	26.70	276	2427318	17.041 ng/ul	97

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

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