Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042219\
Data File : BN005193.D
Acq On : 23 Apr 2019 02:11
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02067

Quant Time: Apr 23 03:44:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 19 04:25:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	437795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1838845	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1078760	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2333077	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2173220	20.00	ng/ul	0.01
85) Perylene-d12	23.41	264	2362019	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	69268	7.64	ng/uL	0.00
5) Phenol-d5	6.78	99	673887	19.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	409059	19.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	521432	19.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	528748	19.67	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	249456	22.04	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	263077	22.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	544765	20.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	557243	20.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1549124	19.78	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1945788	20.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	253443	20.50	ng/ul	0.00
57) Fluorene-d10	15.23	176	1308259	19.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	209239	19.94	ng/ul	0.00
70) Anthracene-d10	17.08	188	1962275	20.06	ng/ul	0.00
78) Pyrene-d10	19.39	212	2124904	19.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	2094375	20.29	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	73883	7.576	ng/uL	96
4) Benzaldehyde	6.75	77	473103	19.416	ng/ul	98
6) Phenol	6.80	94	691113	19.541	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.03	93	547258	19.325	ng/ul	98
10) 2-Chlorophenol	7.17	128	533350	19.605	ng/ul	98
11) 2-Methylphenol	8.03	108	519121	19.588	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	888523	18.686	ng/ul	100
14) Acetophenone	8.41	105	858492	19.957	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	445404	19.357	ng/ul	96
16) 4-Methylphenol	8.36	108	570023	19.916	ng/ul	95
17) Hexachloroethane	8.66	117	233003	19.723	ng/ul	98
20) Nitrobenzene	8.78	77	636089	20.422	ng/ul	97
21) Isophorone	9.30	82	1234885	20.024	ng/ul	99
23) 2-Nitrophenol	9.48	139	292207	22.474	ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	649007	19.936	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	758403	19.569	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	530618	20.443	ng/ul	99
28) Naphthalene	10.41	128	1711594	20.022	ng/ul	99
30) 4-Chloroaniline	10.52	127	564171	20.421	ng/ul	98
31) Hexachlorobutadiene	10.70	225	370396	20.207	ng/ul	98
32) Caprolactam	11.27	113	163335	20.798	ng/ul	88
33) 4-Chloro-3-methylphenol	11.65	107	584176	19.987	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	1240963	19.826	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	677093	20.281	ng/ul	97
37) Hexachlorocyclopentadiene	12.39	237	422121	18.545	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	418672	20.797	ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	457776	21.162	ng/ul	97
40) 1,1'-Biphenyl	13.06	154	1611819	20.053	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	1233481	19.953	ng/ul	98
42) 2-Nitroaniline	13.30	65	360483	21.986	ng/ul	96
44) Dimethylphthalate	13.70	163	1535096	19.674	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	296601	22.014	ng/ul	96
47) Acenaphthylene	13.95	152	1901351	20.116	ng/ul	99
48) 3-Nitroaniline	14.13	138	261737	20.897	ng/ul	96
49) Acenaphthene	14.29	153	1291892	20.021	ng/ul	99
50) 2,4-Dinitrophenol	14.34	184	128062	19.513	ng/ul	91
52) 4-Nitrophenol	14.45	109	220605	19.656	ng/ul	91
53) Dibenzofuran	14.63	168	1848709	19.899	ng/ul	97
54) 2,4-Dinitrotoluene	14.60	165	428427	22.058	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.86	232	382075	21.231	ng/ul	99
56) Diethylphthalate	15.08	149	1554076	19.863	ng/ul	98
58) Fluorene	15.29	166	1443638	19.913	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	769689	20.014	ng/ul	97
60) 4-Nitroaniline	15.30	138	321604	20.596	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.36	198	223462	20.009	ng/ul	98
64) N-Nitrosodiphenylamine	15.50	169	1284302	20.113	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	474636	20.194	ng/ul	98
66) Hexachlorobenzene	16.29	284	507974	20.296	ng/ul	98
67) Atrazine	16.46	200	474479	19.959	ng/ul	99
68) Pentachlorophenol	16.63	266	304350	20.768	ng/ul	98
69) Phenanthrene	17.02	178	2252670	19.826	ng/ul	100
71) Anthracene	17.12	178	2304670	19.911	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	697048	20.455	ng/uL	100
73) Pentachlorobenzene	14.55	250	624184	20.351	ng/uL	98
74) Carbazole	17.39	167	2008614	20.201	ng/ul	99
75) Di-n-butylphthalate	17.97	149	2584662	20.718	ng/ul	99
76) Fluoranthene	19.06	202	2606793	20.684	ng/ul	99
79) Pyrene	19.42	202	2646094	18.911	ng/ul	98
80) Butylbenzylphthalate	20.36	149	1192478	21.525	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.13	252	861968	19.852	ng/ul	100
82) Benzo(a)anthracene	21.19	228	2670893	19.756	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	1856403	21.762	ng/ul	99
84) Chrysene	21.25	228	2491660	19.858	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	3211000	22.196	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	2603594	19.609	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	2621026	20.669	ng/ul	100
90) Benzo(a)pyrene	23.31	252	2532920	20.295	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.58	276	2865595	20.768	ng/ul	99
92) Dibenzo(a,h)anthracene	25.60	278	2417477	20.644	ng/ul	98
93) Benzo(g,h,i)perylene	26.24	276	2371644	20.787	ng/ul	99

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

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