Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060519\
Data File : BN006091.D
Acq On : 05 Jun 2019 10:25
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02011

Quant Time: Jun 05 15:49:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 04 17:47:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	333585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1448722	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	789607	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1621236	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1397378	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1561994	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	67082	8.71	ng/uL	0.00
5) Phenol-d5	6.82	99	579903	21.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	346120	22.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	454225	21.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	451709	21.87	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	219716	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	237211	20.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	431345	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	543844	21.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	1180977	21.08	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	1556626	21.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	195283	19.74	ng/ul	0.00
57) Fluorene-d10	15.30	176	1000567	21.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	164557	18.14	ng/ul	0.00
70) Anthracene-d10	17.15	188	1496785	21.64	ng/ul	0.00
78) Pyrene-d10	19.46	212	1540158	22.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1460290	20.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	67335	8.461	ng/uL	97
4) Benzaldehyde	6.79	77	397078	21.950	ng/ul	98
6) Phenol	6.85	94	606866	22.277	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	478895	22.652	ng/ul	96
10) 2-Chlorophenol	7.21	128	468889	21.444	ng/ul	96
11) 2-Methylphenol	8.09	108	447535	21.896	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.18	45	676548	23.947	ng/ul	98
14) Acetophenone	8.46	105	706806	22.624	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	373802	22.578	ng/ul	99
16) 4-Methylphenol	8.42	108	491599	22.387	ng/ul	98
17) Hexachloroethane	8.72	117	192454	20.930	ng/ul	98
20) Nitrobenzene	8.84	77	527677	21.575	ng/ul	100
21) Isophorone	9.36	82	1024205	21.731	ng/ul	99
23) 2-Nitrophenol	9.55	139	255018	21.048	ng/ul	96
24) 2,4-Dimethylphenol	9.61	107	521305	21.191	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	639572	22.045	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	427923	21.176	ng/ul	99
28) Naphthalene	10.48	128	1466678	21.467	ng/ul	99
30) 4-Chloroaniline	10.59	127	550978	22.189	ng/ul	98
31) Hexachlorobutadiene	10.76	225	262136	20.291	ng/ul	98
32) Caprolactam	11.34	113	140541	20.748	ng/ul	95
33) 4-Chloro-3-methylphenol	11.73	107	467561	21.259	ng/ul	97
34) 2-Methylnaphthalene	12.10	142	1018150	21.378	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	499143	21.117	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	221499	16.409	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	313106	20.702	ng/ul	99
39) 2,4,5-Trichlorophenol	12.79	196	338312	20.974	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	1285477	21.673	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	978619	21.340	ng/ul	98
42) 2-Nitroaniline	13.37	65	287533	21.580	ng/ul	96
44) Dimethylphthalate	13.76	163	1189202	21.404	ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	239789	21.255	ng/ul	97
47) Acenaphthylene	14.02	152	1536169	21.576	ng/ul	99
48) 3-Nitroaniline	14.21	138	238038	21.586	ng/ul	100
49) Acenaphthene	14.36	153	1030547	21.511	ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	86172	14.416	ng/ul	94
52) 4-Nitrophenol	14.53	109	147330	19.644	ng/ul	97
53) Dibenzofuran	14.70	168	1441961	21.330	ng/ul	99
54) 2,4-Dinitrotoluene	14.67	165	332397	20.988	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.93	232	276061	20.770	ng/ul	99
56) Diethylphthalate	15.13	149	1181822	21.240	ng/ul	99
58) Fluorene	15.36	166	1144366	21.622	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.35	204	559519	21.206	ng/ul	99
60) 4-Nitroaniline	15.38	138	280726	21.738	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	175795	18.672	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	997400	22.124	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	342047	21.481	ng/ul	95
66) Hexachlorobenzene	16.36	284	367965	21.042	ng/ul	98
67) Atrazine	16.52	200	339944	21.018	ng/ul	97
68) Pentachlorophenol	16.71	266	193940	19.502	ng/ul	98
69) Phenanthrene	17.10	178	1740172	21.887	ng/ul	99
71) Anthracene	17.19	178	1795672	22.100	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	505628	21.702	ng/uL	97
73) Pentachlorobenzene	14.62	250	455339	21.884	ng/uL	99
74) Carbazole	17.46	167	1583007	21.811	ng/ul	98
75) Di-n-butylphthalate	18.03	149	1992221	21.579	ng/ul	100
76) Fluoranthene	19.13	202	1898342	21.304	ng/ul	99
79) Pyrene	19.49	202	1960050	22.816	ng/ul	99
80) Butylbenzylphthalate	20.40	149	880888	21.910	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.19	252	644529	22.068	ng/ul	98
82) Benzo(a)anthracene	21.26	228	1843085	21.454	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.19	149	1297792	22.356	ng/ul	100
84) Chrysene	21.31	228	1808540	21.964	ng/ul	99
86) Di-n-octyl phthalate	22.07	149	2253966	23.916	ng/ul	100
87) Benzo(b)fluoranthene	22.84	252	1738816	20.882	ng/ul	98
88) Benzo(k)fluoranthene	22.88	252	1850356	22.701	ng/ul	98
90) Benzo(a)pyrene	23.41	252	1757508	21.833	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.74	276	2049667	20.884	ng/ul	97
92) Dibenzo(a,h)anthracene	25.76	278	1724116	20.830	ng/ul	99
93) Benzo(g,h,i)perylene	26.43	276	1704637	20.433	ng/ul	97

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

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