Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062619\
Data File : BN006583.D
Acq On : 26 Jun 2019 18:11
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02024

Manual Integrations APPROVED
mohammad
6/27/2019 8:18:25 AM

Quant Time: Jun 27 04:28:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 04:25:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	151027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	744844	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	468657	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	1045714	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1030890	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1200728	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	32467	8.40	ng/uL	0.00
5) Phenol-d5	6.80	99	348119	21.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	220245	22.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	259136	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	281313	22.05	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	134146	22.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	150063	23.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	278222	22.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	214022	14.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	894265	21.77	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	1100205	21.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	146340	20.85	ng/ul	0.00
57) Fluorene-d10	15.27	176	759013	21.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	147956	22.36	ng/ul	0.00
70) Anthracene-d10	17.13	188	1183622	22.48	ng/ul	0.00
78) Pyrene-d10	19.45	212	1296955	21.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1492032	22.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	34018	8.685	ng/uL	97
4) Benzaldehyde	6.77	77	123546	19.020	ng/ul	98
6) Phenol	6.83	94	336418	21.699	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	258724	21.915	ng/ul	97
10) 2-Chlorophenol	7.18	128	245488	21.607	ng/ul	97
11) 2-Methylphenol	8.06	108	259271	22.080	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	425909	22.810	ng/ul	98
14) Acetophenone	8.43	105	422607	23.088	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	236320	22.987	ng/ul	99
16) 4-Methylphenol	8.39	108	288115	22.399	ng/ul	99
17) Hexachloroethane	8.68	117	97527	21.169	ng/ul	99
20) Nitrobenzene	8.82	77	313907	21.811	ng/ul	99
21) Isophorone	9.33	82	663680	22.311	ng/ul	99
23) 2-Nitrophenol	9.52	139	150223	22.974	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	319687	22.399	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	396392	21.964	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	251963	22.081	ng/ul	99
28) Naphthalene	10.45	128	848657	21.643	ng/ul	100
30) 4-Chloroaniline	10.57	127	211304	15.597	ng/ul	97
31) Hexachlorobutadiene	10.73	225	140780	21.235	ng/ul	97
32) Caprolactam	11.33	113	100226m	22.874	ng/ul	
33) 4-Chloro-3-methylphenol	11.71	107	307681	22.416	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	628037	22.134	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	297194	21.380	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	102724	17.010	ng/ul	98
38) 2,4,6-Trichlorophenol	12.70	196	198465	21.969	ng/ul	100
39) 2,4,5-Trichlorophenol	12.77	196	212367	22.855	ng/ul	99
40) 1,1'-Biphenyl	13.10	154	804365	21.692	ng/ul	100
41) 2-Chloronaphthalene	13.14	162	623651	21.688	ng/ul	99
42) 2-Nitroaniline	13.36	65	210677	23.436	ng/ul	99
44) Dimethylphthalate	13.73	163	830246	21.926	ng/ul	100
45) 2,6-Dinitrotoluene	13.86	165	166096	22.508	ng/ul	99
47) Acenaphthylene	13.99	152	971781	21.784	ng/ul	99
48) 3-Nitroaniline	14.19	138	163122	22.351	ng/ul	99
49) Acenaphthene	14.34	153	690768	21.727	ng/ul	99
50) 2,4-Dinitrophenol	14.42	184	68969	19.354	ng/ul	99
52) 4-Nitrophenol	14.52	109	104134	21.210	ng/ul	98
53) Dibenzofuran	14.67	168	958379	21.754	ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	246824	23.228	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.92	232	178454	21.331	ng/ul	98
56) Diethylphthalate	15.11	149	844125	22.064	ng/ul	99
58) Fluorene	15.33	166	796316	22.360	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.33	204	381605	21.871	ng/ul	99
60) 4-Nitroaniline	15.37	138	184642	23.570	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	144855	22.372	ng/ul	98
64) N-Nitrosodiphenylamine	15.54	169	693819	22.028	ng/ul	99
65) 4-Bromophenyl-phenylether	16.22	248	232957	21.633	ng/ul	99
66) Hexachlorobenzene	16.34	284	260245	21.672	ng/ul	100
67) Atrazine	16.50	200	231660	21.343	ng/ul	99
68) Pentachlorophenol	16.69	266	114580	19.578	ng/ul	97
69) Phenanthrene	17.07	178	1273570	22.081	ng/ul	99
71) Anthracene	17.17	178	1310748	22.387	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.06	216	301792	21.445	ng/uL	99
73) Pentachlorobenzene	14.60	250	302563	21.561	ng/uL	99
74) Carbazole	17.44	167	1191863	23.587	ng/ul	100
75) Di-n-butylphthalate	18.01	149	1502565	23.294	ng/ul	100
76) Fluoranthene	19.11	202	1502272	24.168	ng/ul	99
79) Pyrene	19.48	202	1528652	21.779	ng/ul	99
80) Butylbenzylphthalate	20.41	149	719576	22.865	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.24	252	538446	24.704	ng/ul	98
82) Benzo(a)anthracene	21.31	228	1548087	21.970	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	1080878	23.951	ng/ul	99
84) Chrysene	21.37	228	1449747	21.619	ng/ul	100
86) Di-n-octyl phthalate	22.18	149	1914929	24.820	ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	1607416	22.306	ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	1511715	21.949	ng/ul	99
90) Benzo(a)pyrene	23.54	252	1541456	22.308	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	1849253	22.614	ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	1546676	22.839	ng/ul	100
93) Benzo(g,h,i)perylene	26.59	276	1551656	22.528	ng/ul	98

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

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