Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122419\
Data File : BN009151.D
Acq On : 25 Dec 2019 06:30
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02059

Manual Integrations APPROVED
mohammad
12/26/2019 4:05:28 PM

Quant Time: Dec 25 07:39:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 25 01:06:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	298543	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1379141	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.16	164	965165	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	2108274	20.00	ng/ul	0.00
77) Chrysene-d12	21.12	240	1994056	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1992625	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	49824	7.62	ng/uL	0.00
5) Phenol-d5	6.72	99	537768	18.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	344582	18.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	397356	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	447212	19.52	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	208280	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	231900	20.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	445722	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	564407	21.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.58	166	1415696	19.53	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	1697679	19.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	278625	19.33	ng/ul	0.00
57) Fluorene-d10	15.16	176	1223555	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	236174	17.96	ng/ul	0.00
70) Anthracene-d10	17.00	188	1927573	19.66	ng/ul	0.00
78) Pyrene-d10	19.30	212	2034364	19.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	1934026	19.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	52568	7.414	ng/uL	92
4) Benzaldehyde	6.68	77	383774	21.568	ng/ul	97
6) Phenol	6.74	94	562458	19.162	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.96	93	439491	19.473	ng/ul	98
10) 2-Chlorophenol	7.10	128	400206	19.301	ng/ul	95
11) 2-Methylphenol	7.97	108	423388	19.198	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.06	45	908047	18.973	ng/ul	98
14) Acetophenone	8.34	105	695450	19.808	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.33	70	387597	19.912	ng/ul	95
16) 4-Methylphenol	8.30	108	479286	19.775	ng/ul	97
17) Hexachloroethane	8.59	117	172002	19.615	ng/ul	99
20) Nitrobenzene	8.70	77	547319	19.400	ng/ul	98
21) Isophorone	9.23	82	1102240	20.296	ng/ul	98
23) 2-Nitrophenol	9.41	139	251550	20.268	ng/ul	94
24) 2,4-Dimethylphenol	9.48	107	530926	19.946	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.72	93	650231	19.571	ng/ul	100
27) 2,4-Dichlorophenol	9.94	162	433105	20.146	ng/ul	96
28) Naphthalene	10.33	128	1420655	19.301	ng/ul	100
30) 4-Chloroaniline	10.45	127	559669	21.129	ng/ul	99
31) Hexachlorobutadiene	10.63	225	263584	19.483	ng/ul	99
32) Caprolactam	11.22	113	169347m	20.113	ng/ul	
33) 4-Chloro-3-methylphenol	11.58	107	545214	20.543	ng/ul	96
34) 2-Methylnaphthalene	11.95	142	1041372	19.625	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.33	216	526935	19.349	ng/ul	99
37) Hexachlorocyclopentadiene	12.31	237	269841	16.125	ng/ul	99
38) 2,4,6-Trichlorophenol	12.57	196	363441	19.958	ng/ul	95
39) 2,4,5-Trichlorophenol	12.65	196	392061	20.135	ng/ul	94
40) 1,1'-Biphenyl	12.98	154	1411508	19.741	ng/ul	99
41) 2-Chloronaphthalene	13.02	162	1111271	19.911	ng/ul	98
42) 2-Nitroaniline	13.23	65	412458	19.973	ng/ul	95
44) Dimethylphthalate	13.63	163	1433160	19.332	ng/ul	99
45) 2,6-Dinitrotoluene	13.74	165	303420	20.354	ng/ul	94
47) Acenaphthylene	13.87	152	1819983	19.950	ng/ul	100
48) 3-Nitroaniline	14.06	138	297704	20.398	ng/ul	98
49) Acenaphthene	14.22	153	1210188	19.772	ng/ul	98
50) 2,4-Dinitrophenol	14.28	184	161835	17.380	ng/ul	98
52) 4-Nitrophenol	14.39	109	218581	19.009	ng/ul	98
53) Dibenzofuran	14.56	168	1659423	19.311	ng/ul	97
54) 2,4-Dinitrotoluene	14.53	165	437536	20.064	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.79	232	345269	19.452	ng/ul	96
56) Diethylphthalate	15.00	149	1481041	18.495	ng/ul	99
58) Fluorene	15.21	166	1398363	19.474	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.22	204	692552	19.244	ng/ul	99
60) 4-Nitroaniline	15.24	138	342890	19.774	ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.30	198	252230	18.197	ng/ul	100
64) N-Nitrosodiphenylamine	15.43	169	1223837	20.176	ng/ul	98
65) 4-Bromophenyl-phenylether	16.11	248	420523	19.794	ng/ul	96
66) Hexachlorobenzene	16.22	284	460431	19.446	ng/ul	96
67) Atrazine	16.39	200	449411	19.463	ng/ul	97
68) Pentachlorophenol	16.56	266	280726	18.929	ng/ul	91
69) Phenanthrene	16.95	178	2241333	19.282	ng/ul	99
71) Anthracene	17.04	178	2334973	19.524	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	12.95	216	549553	19.933	ng/uL	97
73) Pentachlorobenzene	14.48	250	533975	19.594	ng/uL	89
74) Carbazole	17.31	167	2041111	19.750	ng/ul	99
75) Di-n-butylphthalate	17.90	149	2623503	19.284	ng/ul	99
76) Fluoranthene	18.97	202	2714128	20.216	ng/ul	98
79) Pyrene	19.34	202	2763314	19.981	ng/ul	100
80) Butylbenzylphthalate	20.26	149	1233266	20.275	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.03	252	898532	19.576	ng/ul	93
82) Benzo(a)anthracene	21.10	228	2636261	19.566	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.06	149	1865967	20.014	ng/ul	99
84) Chrysene	21.15	228	2574241	19.881	ng/ul	97
86) Di-n-octyl phthalate	21.92	149	3206279	23.947	ng/ul	100
87) Benzo(b)fluoranthene	22.62	252	2462410	20.219	ng/ul	99
88) Benzo(k)fluoranthene	22.66	252	2495139	20.979	ng/ul	99
90) Benzo(a)pyrene	23.16	252	2207983	19.745	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.35	276	2232175	16.476	ng/ul	99
92) Dibenzo(a,h)anthracene	25.36	278	1932459	16.901	ng/ul	99
93) Benzo(g,h,i)perylene	25.99	276	1785872	15.754	ng/ul	99

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

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