Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112719\
Data File : BN008807.D
Acq On : 28 Nov 2019 20:43
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02063

Manual Integrations APPROVED
mohammad
11/29/2019 8:54:27 AM

Quant Time: Nov 29 04:09:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 27 15:51:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	573439	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	2590214	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	1664817	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	3508487	20.00	ng/ul	0.00
77) Chrysene-d12	21.16	240	2981376	20.00	ng/ul	0.00
85) Perylene-d12	23.32	264	3048943	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	105657	8.06	ng/uL	0.00
5) Phenol-d5	6.77	99	1206432	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	761013	20.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	890544	21.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	956883	20.54	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	461549	23.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	513747	23.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	939228	21.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	1252562	22.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	2725791	20.55	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	3259913	22.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.42	143	545200	20.27	ng/ul	0.00
57) Fluorene-d10	15.20	176	2367717	21.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	434070	21.41	ng/ul	0.00
70) Anthracene-d10	17.05	188	3630474	21.86	ng/ul	0.00
78) Pyrene-d10	19.35	212	3926653	23.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.17	264	3505766	22.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	115587	8.062	ng/uL	93
4) Benzaldehyde	6.73	77	787747	25.257	ng/ul	98
6) Phenol	6.80	94	1246386	20.423	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	938694	20.863	ng/ul	96
10) 2-Chlorophenol	7.16	128	904331	21.494	ng/ul	99
11) 2-Methylphenol	8.03	108	923098	20.362	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	1807366	20.675	ng/ul	98
14) Acetophenone	8.39	105	1478643	20.192	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	805032	20.442	ng/ul	99
16) 4-Methylphenol	8.35	108	1021465	20.133	ng/ul	98
17) Hexachloroethane	8.65	117	350702	21.509	ng/ul	97
20) Nitrobenzene	8.76	77	1145448	21.928	ng/ul	98
21) Isophorone	9.29	82	2204922	20.866	ng/ul	99
23) 2-Nitrophenol	9.47	139	528493	22.665	ng/ul	96
24) 2,4-Dimethylphenol	9.54	107	1102485	20.863	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	1337483	20.849	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	896490	21.263	ng/ul	95
28) Naphthalene	10.39	128	2984758	21.404	ng/ul	99
30) 4-Chloroaniline	10.50	127	1270526	22.933	ng/ul	99
31) Hexachlorobutadiene	10.69	225	519630	22.098	ng/ul	96
32) Caprolactam	11.28	113	331439m	18.760	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	1092810	20.338	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	2187887	20.766	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	1039321	22.939	ng/ul	92
37) Hexachlorocyclopentadiene	12.38	237	506107	20.145	ng/ul	98
38) 2,4,6-Trichlorophenol	12.63	196	723059	23.228	ng/ul	96
39) 2,4,5-Trichlorophenol	12.70	196	775467	22.571	ng/ul	98
40) 1,1'-Biphenyl	13.04	154	2798828	22.496	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	2156518	22.631	ng/ul	98
42) 2-Nitroaniline	13.28	65	806322	22.711	ng/ul	98
44) Dimethylphthalate	13.67	163	2673173	20.640	ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	567247	22.733	ng/ul	95
47) Acenaphthylene	13.93	152	3325297	22.010	ng/ul	97
48) 3-Nitroaniline	14.11	138	600611	22.027	ng/ul	99
49) Acenaphthene	14.27	153	2274877	21.513	ng/ul	97
50) 2,4-Dinitrophenol	14.32	184	301555	19.528	ng/ul	98
52) 4-Nitrophenol	14.44	109	400299	19.267	ng/ul	94
53) Dibenzofuran	14.61	168	3237778	20.978	ng/ul	99
54) 2,4-Dinitrotoluene	14.58	165	804868	21.223	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.85	232	655858	21.485	ng/ul	98
56) Diethylphthalate	15.06	149	2669586	20.230	ng/ul	99
58) Fluorene	15.26	166	2588348	20.820	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.26	204	1257737	20.840	ng/ul	97
60) 4-Nitroaniline	15.28	138	688779	21.034	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.35	198	449426	20.622	ng/ul	99
64) N-Nitrosodiphenylamine	15.47	169	2291402	22.208	ng/ul	97
65) 4-Bromophenyl-phenylether	16.16	248	773205	22.205	ng/ul	96
66) Hexachlorobenzene	16.27	284	834224	22.363	ng/ul	96
67) Atrazine	16.44	200	819383	22.075	ng/ul	96
68) Pentachlorophenol	16.61	266	535708	21.810	ng/ul	94
69) Phenanthrene	17.00	178	4170233	21.652	ng/ul	99
71) Anthracene	17.09	178	4246880	21.690	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	1047491	24.642	ng/uL	98
73) Pentachlorobenzene	14.53	250	1011579	23.066	ng/uL	96
74) Carbazole	17.36	167	3913620	22.542	ng/ul	100
75) Di-n-butylphthalate	17.95	149	4588346	21.968	ng/ul	99
76) Fluoranthene	19.02	202	4755760	22.577	ng/ul	97
79) Pyrene	19.38	202	4851553	23.232	ng/ul	99
80) Butylbenzylphthalate	20.31	149	2189513	24.882	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.07	252	1648387	22.863	ng/ul	97
82) Benzo(a)anthracene	21.14	228	4723486	22.590	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	3110419	23.696	ng/ul	99
84) Chrysene	21.19	228	4342495	22.206	ng/ul	100
86) Di-n-octyl phthalate	21.96	149	5348418	30.712	ng/ul	100
87) Benzo(b)fluoranthene	22.67	252	4329434	22.867	ng/ul	99
88) Benzo(k)fluoranthene	22.72	252	4008628	22.428	ng/ul	99
90) Benzo(a)pyrene	23.22	252	3949743	21.812	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.44	276	3882835	18.421	ng/ul	95
92) Dibenzo(a,h)anthracene	25.46	278	3280591	18.456	ng/ul	97
93) Benzo(g,h,i)perylene	26.09	276	3169282	17.703	ng/ul	99

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

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