Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092419\
Data File : BN007849.D
Acq On : 24 Sep 2019 22:44
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02055

Manual Integrations APPROVED
mohammad
9/26/2019 8:26:06 AM

Quant Time: Sep 25 08:59:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 25 08:12:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	876461	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	3562883	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	2288456	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	4876197	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	5027921	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	5562479	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	166009	7.20	ng/uL	0.00
5) Phenol-d5	6.86	99	1744059	20.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	1004748	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	1278311	21.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	1329780	20.91	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	599841	23.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	617178	25.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	1307936	22.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	1675330	22.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	3820583	20.98	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	4784630	22.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	671709	20.74	ng/ul	0.00
57) Fluorene-d10	15.31	176	3291000	20.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	576119	21.89	ng/ul	0.00
70) Anthracene-d10	17.16	188	5281762	21.76	ng/ul	0.00
78) Pyrene-d10	19.46	212	6158728	22.74	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	6062825	20.95	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	174943	7.428	ng/uL#	92
4) Benzaldehyde	6.83	77	1180630	25.207	ng/ul	99
6) Phenol	6.89	94	1829257	20.173	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	1356198	20.692	ng/ul	99
10) 2-Chlorophenol	7.26	128	1308631	20.554	ng/ul	99
11) 2-Methylphenol	8.13	108	1305782	20.307	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	1460182	20.563	ng/ul	98
14) Acetophenone	8.50	105	2052551	19.941	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.49	70	1137961	20.331	ng/ul	98
16) 4-Methylphenol	8.45	108	1390627	19.715	ng/ul	96
17) Hexachloroethane	8.76	117	546167	20.496	ng/ul	96
20) Nitrobenzene	8.88	77	1651728	21.379	ng/ul	98
21) Isophorone	9.39	82	3080886	20.875	ng/ul	100
23) 2-Nitrophenol	9.58	139	680568	23.624	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	1564453	20.817	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	1863537	21.286	ng/ul	98
27) 2,4-Dichlorophenol	10.11	162	1278312	21.490	ng/ul	95
28) Naphthalene	10.51	128	4091286	20.364	ng/ul	100
30) 4-Chloroaniline	10.62	127	1690820	21.218	ng/ul	99
31) Hexachlorobutadiene	10.80	225	914900	21.565	ng/ul	98
32) Caprolactam	11.37	113	520293m	25.190	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	1426003	20.694	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	2951806	20.347	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	1745496	21.578	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	980095	19.740	ng/ul	100
38) 2,4,6-Trichlorophenol	12.74	196	1039316	22.914	ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	1122393	22.184	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	3782012	20.364	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	2998206	20.822	ng/ul	99
42) 2-Nitroaniline	13.39	65	891752	22.510	ng/ul	93
44) Dimethylphthalate	13.77	163	3792811	20.433	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	775359	22.887	ng/ul	93
47) Acenaphthylene	14.03	152	4461413	20.267	ng/ul	99
48) 3-Nitroaniline	14.22	138	771977	23.088	ng/ul	99
49) Acenaphthene	14.38	153	3180942	20.584	ng/ul	100
50) 2,4-Dinitrophenol	14.42	184	333211	18.288	ng/ul	98
52) 4-Nitrophenol	14.53	109	522153	19.642	ng/ul	94
53) Dibenzofuran	14.72	168	4503139	20.088	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	1120165	22.059	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.95	232	1003819	22.989	ng/ul	99
56) Diethylphthalate	15.15	149	3763105	20.373	ng/ul	100
58) Fluorene	15.37	166	3637308	20.165	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.37	204	1973453	20.251	ng/ul	99
60) 4-Nitroaniline	15.38	138	838490	22.010	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.45	198	609244	20.775	ng/ul	98
64) N-Nitrosodiphenylamine	15.58	169	3225106	21.102	ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	1279300	21.869	ng/ul	96
66) Hexachlorobenzene	16.37	284	1378853	21.811	ng/ul	97
67) Atrazine	16.53	200	1517023	24.444	ng/ul	99
68) Pentachlorophenol	16.72	266	774958	21.885	ng/ul	100
69) Phenanthrene	17.10	178	5974208	20.660	ng/ul	99
71) Anthracene	17.19	178	6066882	20.961	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	1720743	22.317	ng/uL	98
73) Pentachlorobenzene	14.64	250	1718627	22.683	ng/uL	98
74) Carbazole	17.46	167	5336029	21.797	ng/ul	99
75) Di-n-butylphthalate	18.04	149	6405971	22.015	ng/ul	99
76) Fluoranthene	19.12	202	7383403	23.276	ng/ul	100
79) Pyrene	19.49	202	7437891	22.216	ng/ul	99
80) Butylbenzylphthalate	20.40	149	2903446	22.815	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.17	252	2547982	20.762	ng/ul	98
82) Benzo(a)anthracene	21.24	228	7695330	21.479	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.19	149	4400410	22.449	ng/ul	97
84) Chrysene	21.29	228	6991510	20.974	ng/ul	97
86) Di-n-octyl phthalate	22.06	149	7248716	25.198	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	7408135	20.594	ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	7460469	21.341	ng/ul	98
90) Benzo(a)pyrene	23.37	252	7273417	20.914	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.68	276	8409902	20.582	ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	6949467	20.391	ng/ul	99
93) Benzo(g,h,i)perylene	26.36	276	6835161	20.405	ng/ul	99

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

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