Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070820\
Data File : BN011121.D
Acq On : 08 Jul 2020 16:42
Operator : CG/JU
Sample : SSTD02054
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD02054

Manual Integrations APPROVED
mohammad
7/9/2020 11:00:57 AM

Quant Time: Jul 08 17:20:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN070820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 08 17:17:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	221400	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	826377	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	476759	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	967994	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	972080	20.00	ng/ul	0.00
86) Perylene-d12	23.23	264	1035569	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	46182	10.92	ng/uL	0.00
5) Phenol-d5	6.71	99	305077	17.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	177939	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	270977	18.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	259956	17.64	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	133748	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	131816	18.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	261761	18.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	311948	19.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	717810	20.29	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	892615	20.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	106146	15.41	ng/ul	0.00
58) Fluorene-d10	15.13	176	623032	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	106660	21.09	ng/ul	0.00
71) Anthracene-d10	16.99	188	922162	20.57	ng/ul	0.00
79) Pyrene-d10	19.29	212	979553	17.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.10	264	1001563	18.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	46333	10.350	ng/uL	100
4) Benzaldehyde	6.67	77	210146	23.150	ng/ul	100
6) Phenol	6.73	94	331480	18.319	ng/ul	100
8) Bis(2-Chloroethyl)ether	6.96	93	268373	19.262	ng/ul	100
10) 2-Chlorophenol	7.09	128	290974	19.189	ng/ul	100
11) 2-Methylphenol	7.96	108	255792	17.856	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.03	45	208912	23.581	ng/ul	100
14) Acetophenone	8.32	105	439495	19.722	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.31	70	198891	18.634	ng/ul	100
16) 4-Methylphenol	8.28	108	279358	18.230	ng/ul	100
17) Hexachloroethane	8.56	117	141348	22.476	ng/ul	100
20) Nitrobenzene	8.69	77	326818	21.974	ng/ul	100
21) Isophorone	9.21	82	521732	19.018	ng/ul	100
23) 2-Nitrophenol	9.39	139	147887	19.270	ng/ul	100
24) 2,4-Dimethylphenol	9.46	107	303383	20.045	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.69	93	338231	20.268	ng/ul	100
27) 2,4-Dichlorophenol	9.92	162	267363	19.506	ng/ul	100
28) Naphthalene	10.30	128	881183	19.841	ng/ul	100
30) 4-Chloroaniline	10.42	127	318157	20.086	ng/ul	100
31) Hexachlorobutadiene	10.60	225	199479	20.907	ng/ul	100
32) Caprolactam	11.20	113	59472m	13.674	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	255351	17.779	ng/ul	100
34) 2-Methylnaphthalene	11.92	142	622009	19.817	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	567483	18.064	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	334082	21.018	ng/ul	100
38) Hexachlorocyclopentadiene	12.29	237	228583	29.554	ng/ul	100
39) 2,4,6-Trichlorophenol	12.55	196	193879	18.823	ng/ul	100
40) 2,4,5-Trichlorophenol	12.62	196	210328	18.987	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	792293	21.638	ng/ul	100
42) 2-Chloronaphthalene	12.99	162	614334	20.756	ng/ul	100
43) 2-Nitroaniline	13.20	65	160892	23.433	ng/ul	100
45) Dimethylphthalate	13.60	163	763477	20.788	ng/ul	100
46) 2,6-Dinitrotoluene	13.72	165	148686	19.037	ng/ul	100
48) Acenaphthylene	13.85	152	908679	19.813	ng/ul	100
49) 3-Nitroaniline	14.05	138	135673	18.257	ng/ul	100
50) Acenaphthene	14.20	153	630173	20.080	ng/ul	100
51) 2,4-Dinitrophenol	14.26	184	67422	18.224	ng/ul	100
53) 4-Nitrophenol	14.37	109	106167	19.041	ng/ul	100
54) Dibenzofuran	14.53	168	890462	20.268	ng/ul	100
55) 2,4-Dinitrotoluene	14.51	165	199089	17.893	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.77	232	169881	17.550	ng/ul	100
57) Diethylphthalate	14.99	149	718370	19.455	ng/ul	100
59) Fluorene	15.19	166	737360	20.469	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.19	204	370155	20.093	ng/ul	100
61) 4-Nitroaniline	15.22	138	135866	16.142	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.28	198	113785	20.924	ng/ul	100
65) N-Nitrosodiphenylamine	15.41	169	601800	21.460	ng/ul	100
66) 4-Bromophenyl-phenylether	16.09	248	215204	20.363	ng/ul	100
67) Hexachlorobenzene	16.20	284	238908	19.873	ng/ul	100
68) Atrazine	16.37	200	205708	18.572	ng/ul	100
69) Pentachlorophenol	16.54	266	121856	15.878	ng/ul	100
70) Phenanthrene	16.93	178	1115103	20.744	ng/ul	100
72) Anthracene	17.02	178	1139295	20.908	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	323736	21.087	ng/uL	100
74) Pentachlorobenzene	14.46	250	290812	19.432	ng/uL	100
75) Carbazole	17.29	167	970647	21.686	ng/ul	100
76) Di-n-butylphthalate	17.88	149	1097603	19.467	ng/ul	100
77) Fluoranthene	18.96	202	1297146	22.209	ng/ul	100
80) Pyrene	19.32	202	1294718	18.434	ng/ul	100
81) Butylbenzylphthalate	20.25	149	468005	15.448	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.03	252	354484	16.919	ng/ul	100
83) Benzo(a)anthracene	21.08	228	1254283	18.600	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	709869	16.224	ng/ul	100
85) Chrysene	21.13	228	1193037	18.816	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	1145673	15.554	ng/ul	100
88) Benzo(b)fluoranthene	22.60	252	1240934	18.364	ng/ul	100
89) Benzo(k)fluoranthene	22.64	252	1185244	17.679	ng/ul	100
91) Benzo(a)pyrene	23.14	252	1147149	19.107	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.33	276	1382604	20.460	ng/ul	100
93) Dibenzo(a,h)anthracene	25.34	278	1121871	19.766	ng/ul	100
94) Benzo(g,h,i)perylene	25.96	276	1144030	20.456	ng/ul	100

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

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