Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070820\
Data File : BN011123.D
Acq On : 08 Jul 2020 17:54
Operator : CG/JU
Sample : SSTD08056
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD08056

Manual Integrations APPROVED
mohammad
7/9/2020 11:01:02 AM

Quant Time: Jul 08 18:26:50 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	243813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	860733	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	501864	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	1059422	20.00	ng/ul	0.00
78) Chrysene-d12	21.10	240	1019888	20.00	ng/ul	0.00
86) Perylene-d12	23.24	264	989903	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	183092	39.30	ng/uL	0.00
5) Phenol-d5	6.72	99	1320743	68.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	735544	75.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	1145901	69.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	1045012	64.38	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	534437	80.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	605175	81.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	1076090	74.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	1035804	62.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	2863372	76.90	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	3601482	78.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	506096	69.81	ng/ul	0.01
58) Fluorene-d10	15.14	176	2459809	73.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	518844	93.75	ng/ul	0.01
71) Anthracene-d10	16.99	188	3716932	75.75	ng/ul	0.00
79) Pyrene-d10	19.29	212	4206627	73.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.11	264	3996180	77.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	188079	38.152	ng/uL	91
4) Benzaldehyde	6.68	77	481506	48.167	ng/ul	100
6) Phenol	6.74	94	1428622	71.693	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.96	93	1108132	72.221	ng/ul	95
10) 2-Chlorophenol	7.09	128	1220740	73.104	ng/ul	99
11) 2-Methylphenol	7.96	108	1128768	71.551	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.03	45	700116	71.761	ng/ul	98
14) Acetophenone	8.32	105	1756559	71.580	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.33	70	778861	66.262	ng/ul	97
16) 4-Methylphenol	8.29	108	1120996	66.429	ng/ul	98
17) Hexachloroethane	8.56	117	546674	78.935	ng/ul	98
20) Nitrobenzene	8.69	77	1325899	85.589	ng/ul	100
21) Isophorone	9.22	82	2252486	78.830	ng/ul	99
23) 2-Nitrophenol	9.39	139	660760	82.662	ng/ul	96
24) 2,4-Dimethylphenol	9.46	107	1277094	81.012	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	1386411	79.762	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	1098008	76.911	ng/ul	99
28) Naphthalene	10.30	128	3641572	78.723	ng/ul	99
30) 4-Chloroaniline	10.42	127	1090474	66.097	ng/ul	94
31) Hexachlorobutadiene	10.60	225	786725	79.164	ng/ul	99
32) Caprolactam	11.22	113	297974m	65.777	ng/ul	
33) 4-Chloro-3-methylphenol	11.56	107	1164052	77.813	ng/ul	99
34) 2-Methylnaphthalene	11.92	142	2536009	77.570	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	2353104	71.914	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.30	216	1318664	78.810	ng/ul	90
38) Hexachlorocyclopentadiene	12.29	237	975406	119.805	ng/ul	98
39) 2,4,6-Trichlorophenol	12.55	196	851885	78.569	ng/ul	94
40) 2,4,5-Trichlorophenol	12.63	196	897600	76.977	ng/ul	98
41) 1,1'-Biphenyl	12.96	154	3163214	82.068	ng/ul	98
42) 2-Chloronaphthalene	13.00	162	2531490	81.251	ng/ul	99
43) 2-Nitroaniline	13.21	65	636088	88.010	ng/ul	87
45) Dimethylphthalate	13.61	163	2971262	76.856	ng/ul	98
46) 2,6-Dinitrotoluene	13.72	165	640049	77.851	ng/ul	97
48) Acenaphthylene	13.85	152	3742982	77.532	ng/ul	98
49) 3-Nitroaniline	14.05	138	585104	74.798	ng/ul	97
50) Acenaphthene	14.20	153	2591578	78.446	ng/ul	97
51) 2,4-Dinitrophenol	14.26	184	392829	100.868	ng/ul	93
53) 4-Nitrophenol	14.39	109	469386	79.975	ng/ul	95
54) Dibenzofuran	14.54	168	3573125	77.260	ng/ul	100
55) 2,4-Dinitrotoluene	14.52	165	907589	77.491	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.77	232	739126	72.536	ng/ul	95
57) Diethylphthalate	14.99	149	2943643	75.733	ng/ul	99
59) Fluorene	15.19	166	2962097	78.115	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.20	204	1493063	76.994	ng/ul	97
61) 4-Nitroaniline	15.23	138	624402m	70.473	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.29	198	527326	88.601	ng/ul	97
65) N-Nitrosodiphenylamine	15.42	169	2460492	80.169	ng/ul	99
66) 4-Bromophenyl-phenylether	16.09	248	878429	75.944	ng/ul	95
67) Hexachlorobenzene	16.20	284	968411	73.604	ng/ul	97
68) Atrazine	16.38	200	888728	73.312	ng/ul	98
69) Pentachlorophenol	16.55	266	593424	70.650	ng/ul	98
70) Phenanthrene	16.93	178	4406311	74.895	ng/ul	99
72) Anthracene	17.02	178	4626192	77.571	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.92	216	1306458	77.753	ng/uL	97
74) Pentachlorobenzene	14.46	250	1160996	70.883	ng/uL	94
75) Carbazole	17.30	167	3936767	80.363	ng/ul	100
76) Di-n-butylphthalate	17.88	149	4969540	80.532	ng/ul	99
77) Fluoranthene	18.96	202	5539287	86.655	ng/ul	98
80) Pyrene	19.32	202	5621692	76.288	ng/ul	100
81) Butylbenzylphthalate	20.26	149	2230269	70.167	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.03	252	1678908	76.377	ng/ul	96
83) Benzo(a)anthracene	21.09	228	4994023	70.586	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.05	149	3353853	73.057	ng/ul#	98
85) Chrysene	21.14	228	4903653	73.713	ng/ul	100
87) Di-n-octyl phthalate	21.91	149	5653015	80.286	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	5153642	79.785	ng/ul	97
89) Benzo(k)fluoranthene	22.66	252	4915367	76.698	ng/ul	96
91) Benzo(a)pyrene	23.15	252	4426163	77.125	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.35	276	5716019	88.487	ng/ul	97
93) Dibenzo(a,h)anthracene	25.36	278	4795289	88.387	ng/ul	97
94) Benzo(g,h,i)perylene	25.99	276	4577001	85.617	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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