Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN013020\
Data File : BN009524.D
Acq On : 31 Jan 2020 22:59
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02069

Manual Integrations APPROVED
mohammad
2/3/2020 4:09:14 PM

Quant Time: Feb 01 00:04:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 22:58:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	172183	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	747979	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.09	164	471913	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.84	188	957383	20.00	ng/ul	-0.01
77) Chrysene-d12	21.05	240	827151	20.00	ng/ul	-0.01
85) Perylene-d12	23.16	264	876790	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	32291	7.76	ng/uL	0.00
5) Phenol-d5	6.65	99	309636	20.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	209071	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	242326	21.74	ng/ul	-0.01
13) 4-Methylphenol-d8	8.16	113	250604	20.62	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	118908	21.85	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.30	143	133020	23.31	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.84	165	243662	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	291951	21.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.51	166	699510	20.03	ng/ul	-0.01
46) Acenaphthylene-d8	13.77	160	837041	20.19	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	135956	20.92	ng/ul	0.00
57) Fluorene-d10	15.09	176	602137	19.64	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.23	200	123008	21.22	ng/ul	0.00
70) Anthracene-d10	16.94	188	917935	20.72	ng/ul	0.00
78) Pyrene-d10	19.25	212	983746	22.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	944983	21.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	35102	7.575	ng/uL	83
4) Benzaldehyde	6.62	77	129264	16.129	ng/ul	93
6) Phenol	6.68	94	321597	20.104	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.90	93	255038	19.880	ng/ul	94
10) 2-Chlorophenol	7.03	128	241498	20.822	ng/ul	92
11) 2-Methylphenol	7.90	108	238579	20.196	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.98	45	561531	16.659	ng/ul	97
14) Acetophenone	8.26	105	386268	19.673	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.26	70	208964	19.598	ng/ul	90
16) 4-Methylphenol	8.23	108	267682	20.692	ng/ul	95
17) Hexachloroethane	8.50	117	106992	19.914	ng/ul	94
20) Nitrobenzene	8.63	77	320295	20.017	ng/ul	97
21) Isophorone	9.16	82	572695	20.180	ng/ul	99
23) 2-Nitrophenol	9.33	139	140356	22.333	ng/ul	92
24) 2,4-Dimethylphenol	9.41	107	286895	19.894	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.64	93	343039	19.741	ng/ul	98
27) 2,4-Dichlorophenol	9.86	162	238948	21.567	ng/ul	97
28) Naphthalene	10.25	128	803468	19.961	ng/ul	98
30) 4-Chloroaniline	10.38	127	289350	21.015	ng/ul	98
31) Hexachlorobutadiene	10.54	225	150094	19.739	ng/ul	98
32) Caprolactam	11.14	113	82109m	21.632	ng/ul	
33) 4-Chloro-3-methylphenol	11.51	107	271248	20.176	ng/ul	96
34) 2-Methylnaphthalene	11.88	142	555074	20.031	ng/ul	99

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 22:58:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.25	216	274400	20.117 ng/ul	98
37) Hexachlorocyclopentadiene	12.23	237	141268	17.000 ng/ul	97
38) 2,4,6-Trichlorophenol	12.50	196	186524	22.123 ng/ul	97
39) 2,4,5-Trichlorophenol	12.58	196	191348	20.628 ng/ul	97
40) 1,1'-Biphenyl	12.91	154	719182	20.126 ng/ul	98
41) 2-Chloronaphthalene	12.95	162	562642	19.941 ng/ul	93
42) 2-Nitroaniline	13.16	65	210632	20.444 ng/ul	96
44) Dimethylphthalate	13.56	163	734190	20.419 ng/ul	99
45) 2,6-Dinitrotoluene	13.68	165	149855	21.904 ng/ul	91
47) Acenaphthylene	13.80	152	908736	20.313 ng/ul	98
48) 3-Nitroaniline	14.00	138	128740	20.157 ng/ul	96
49) Acenaphthene	14.15	153	595024	19.496 ng/ul	98
50) 2,4-Dinitrophenol	14.22	184	81726	20.577 ng/ul#	81
52) 4-Nitrophenol	14.33	109	111704	18.566 ng/ul	94
53) Dibenzofuran	14.49	168	831225	19.602 ng/ul	96
54) 2,4-Dinitrotoluene	14.47	165	220070	21.566 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.73	232	171433	21.628 ng/ul#	96
56) Diethylphthalate	14.94	149	735253	19.995 ng/ul	100
58) Fluorene	15.15	166	687833	19.358 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.15	204	333384	19.033 ng/ul	94
60) 4-Nitroaniline	15.17	138	143220	19.859 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.25	198	127459	20.655 ng/ul	99
64) N-Nitrosodiphenylamine	15.36	169	594410	20.969 ng/ul	95
65) 4-Bromophenyl-phenylether	16.05	248	195986	20.311 ng/ul	94
66) Hexachlorobenzene	16.16	284	220125	20.565 ng/ul	96
67) Atrazine	16.33	200	201467	19.425 ng/ul	97
68) Pentachlorophenol	16.50	266	134930	21.686 ng/ul#	85
69) Phenanthrene	16.88	178	1121411	20.759 ng/ul	98
71) Anthracene	16.97	178	1134355	20.624 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.87	216	278342	21.228 ng/uL	97
73) Pentachlorobenzene	14.42	250	258129	20.251 ng/uL	99
74) Carbazole	17.25	167	991084	21.048 ng/ul	99
75) Di-n-butylphthalate	17.83	149	1266234	22.012 ng/ul	99
76) Fluoranthene	18.91	202	1283356	20.724 ng/ul	99
79) Pyrene	19.27	202	1312973	21.923 ng/ul	100
80) Butylbenzylphthalate	20.20	149	567953	24.572 ng/ul	100
81) 3,3'-Dichlorobenzidine	20.97	252	328844	18.861 ng/ul	99
82) Benzo(a)anthracene	21.03	228	1192944	21.179 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	20.99	149	808777	23.068 ng/ul	98
84) Chrysene	21.09	228	1151857	20.992 ng/ul	98
86) Di-n-octyl phthalate	21.85	149	1388236	22.135 ng/ul	100
87) Benzo(b)fluoranthene	22.54	252	1184646	21.369 ng/ul	96
88) Benzo(k)fluoranthene	22.58	252	1076537	19.749 ng/ul	96
90) Benzo(a)pyrene	23.07	252	1060754	21.316 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.23	276	1246609	20.671 ng/ul	98
92) Dibenzo(a,h)anthracene	25.24	278	1035852	20.359 ng/ul	99
93) Benzo(g,h,i)perylene	25.86	276	1011368	20.162 ng/ul	96

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

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